

Public Works (1894) Department.

RAILWAY BRANCH.

G.O., No. 277-78R

DATED 1st May

[Despatch Abstract.]

Madras Railway.

The final issue of the Capital & Revenue revised
& budget estimates of the — for 1893-94 & 1894-95
ordered to be forwarded to the Govt. of India

Forwarding the final issue of the Capital
& Revenue revised & budget estimates of the
— for 1893-94 & 1894-95.

14/5/94

[P. W. D.]

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G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

OF THE

1894-95.

CAPITAL ACCOUNT.

ABSTRACT of the ESTIMATED CASH EXPENDITURE on the MADRAS RAILWAY for the official year 1894-95.

Particulars.	Actuals for 1892-93.	Budget estimate for 1893-94.	Revised estimate for 1893-94.	Budget estimate for 1894-95.
INDIA.				
CAPITAL OUTLAY.				
<i>Engineering Department.</i>				
Sanctioned works as per schedule A		87,853	1,04,304	1,59,281
Works to be sanctioned do. B		2,78,077	...	2,10,791
Emergent works do. D		...	...	...
<i>Locomotive Department.</i>				
Sanctioned works as per schedule A		5,800	6,630	...
Works to be sanctioned do. B	2,83,428	...	...	1,000
<i>Carriage and Wagon Department.</i>				
Sanctioned works as per schedule A		3,435	4,021	9,970
Works to be sanctioned do. B		4,422	...	22,912
<i>General.</i>				
Establishment		...	...	...
Stores as per schedule E	13,81,673	15,14,813	15,24,833	14,78,990
Miscellaneous	19,115	5,000	5,000	5,000
Suspense Miscellaneous	...	...	40,172	34,056
Increase or decrease of balance of Capital Advance Account	...	...	20,000	20,000
Total withdrawals on Capital Account ...	16,84,216	19,00,000	17,25,000	19,00,000
<i>Receipts to be credited to Capital Account.</i>				
Share capital paid in India				
Refunds for stores sold to Revenue, &c. ...	18,81,579	20,00,000	19,00,000	20,00,000
Other refunds—				
Home expenditure, &c.	2,47,282	3,50,000	2,00,000	2,00,000
Total Payments on Capital Account ...	21,28,861	23,50,000	21,00,000	22,00,000
Net cash demand in India on Capital Account ...	4,44,645	4,50,000	3,75,000	3,00,000
ENGLAND.				
<i>Purchase of Stores.</i>				
Indents to be sent home during the year ...	...	10,90,123	5,55,278	9,69,670
Previous indents to be complied with	...	6,22,000	4,84,527	3,16,178
Total ...	...	17,12,123	10,39,805	12,85,848
Deduct for indents estimated to be complied with in the following year	...	3,47,123	3,16,178	4,78,939
Total Outlay for Stores ...	5,74,666	13,65,000	7,23,727	8,06,909
<i>Home Expenditure and Payments.</i>				
Home expenditure		70,000	82,909	70,909
Furlough and sick leave allowances	1,18,160	30,000	12,000	8,618
Family and sundry payments less receipts ...		40,000	28,364	28,364
Total, Home Expenditure and Payments ...	1,18,160	1,40,000	1,23,273	1,09,091
Total, Cash Demand in England ...	6,93,026	15,05,000	8,47,000	9,16,000

REVENUE ACCOUNT.

ABSTRACT of ESTIMATED REVENUE RECEIPTS and EXPENDITURE of the MADRAS RAILWAY for the official year 1894-95.

Particulars.	Actuals for 1892-93.	Budget estimate for 1893-94.	Revised estimate for 1893-94.	Budget estimate for 1894-95.
RECEIPTS AS PER SCHEDULE F.				
Coaching traffic	38,50,131	38,60,000	39,00,000	40,00,000
Goods do.	58,43,432	57,10,000	61,10,000	65,00,000
Electric Telegraph earnings	18,933	20,000	17,000	20,000
Sundries	1,57,281	1,60,000	2,23,000	1,60,000
Total (1) ...	98,69,777	97,50,000	1,02,50,000	1,06,80,000
Receipts on account of traffic appertaining to other lines				
Receipts from Capital Account other than traffic earnings	8,80,884	9,00,000	13,00,000	9,00,000
Receipts from foreign lines other than traffic earnings	...	...	...	...
Other abnormal receipts in detail or as per schedule attached	...	...	...	...
Total Payments into Treasury on Revenue Account (2) ...	1,07,50,661	1,06,50,000	1,15,50,000	1,15,80,000
EXPENDITURE AS PER SCHEDULE G.				
Maintenance of way, works and stations ...	14,38,413	14,50,000	11,10,000	13,40,000
Locomotive expenses	18,73,967	19,50,000	21,00,000	19,25,000
Carriage and wagon expenses	4,68,994	5,00,000	5,60,000	6,40,000
Traffic expenses	8,44,397	8,40,000	9,30,000	8,76,500
General charges	5,33,268	5,52,000	6,00,000	5,89,500
Special and miscellaneous expenditure ...	1,09,882	1,08,000	1,00,000	1,29,000
Total (3) ...	52,68,921	54,00,000	54,00,000	55,00,000
Payments to other lines for their proportion of through traffic, &c.	9,58,566	9,00,000	9,50,000	9,00,000
Payments to Capital Account other than for stores, &c., included in the working expenses in schedule G	...	...	...	...
Other abnormal payments in detail or as per schedule attached	...	...	...	...
Total withdrawals from Treasury on Revenue Account (4) ...	62,27,487	63,00,000	63,50,000	64,00,000
Net earnings (1) — (3) ...	46,00,856	43,50,000	48,50,000	51,80,000
Net receipts (2) — (4) ...	45,23,174	43,50,000	52,00,000	51,80,000
Surplus profits ...	...	...	...	...

CAPT
SCHEDULE A OR CONSTRUCTION
BUDGET ESTIMATE of SANCTIONED WORKS of the

Number of items	Sanctions.		Particulars.	Amount of estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
ENGINEERING DEPARTMENT.						
Bridge Work.						
1	G.O., No. 2601 R.	4th Nov. 1892.	Strengthening existing girders and fixing new girders, &c., Cheyér bridge.	45,450	77,272	1,22,722
	G.O., No. 1271 R.	5th Oct. 1893.				
2	G.O., No. 2643 R.	7th Nov. 1892.	Strengthening weak girders of the Booga bridge in the 163rd mile, North-west line.	12,896	18,007	30,903
	G.O., No. 1271 R.	5th Oct. 1893.				
3	G.O., No. 14 R.	9th Jan. "	Substituting stronger girders and new type of permanent-way for those at present on the Thootha bridge, South-west line.	5,686	45,614	51,300
4	G.O., No. 892 R.	18th May "	Protective works at 395th mile, South-west line.	12,133	..	12,133
5	G.E. No. 1026 ..	23rd Nov. 1892.	Strengthening bridge at 395th mile, South-west line.	2,405	2,787	5,192
	M.O.M. ..	26th Sept. 1893.				
STATIONS AND BUILDINGS.						
Perrambur Works.						
6	G.O., No. 2163 R.	18th Sept. 1891.	Bungalow for Assistant Locomotive Superintendent at Perrambur Works.	6,842	4,164	11,006
Perrambur.						
7	G.O., No. 129 R.	2nd Mar. 1894.	Church for the Company's employés and their families at Perrambur.	5,040	2,600	7,640
Manur.						
8	G.O., No. 133 R.	20th Jan. 1893.	Platform at Manur	3,867	1,199	5,066
	M.O.M. ..	24th Aug. ...				
Bangalore City.						
9	G.O., No. 2427 R.	12th Oct. 1892.	House for the traffic subordinates (Sandalakote buildings) at Bangalore City.	11,692	775	12,467
10	G.O., No. 1147 R.	26th Aug. 1893.	Thirty houses for subordinate staff at Bangalore City.	5,172	2,364	7,536
11	G.O., No. 81 R.	6th Feb. 1894.	Alterations and additions to station house, platform, &c., at Bangalore City.	83,891	59,439	1,43,330
Kolar Road.						
12	G.O., No. 1233 R.	19th Sept. 1893.	Alterations and additions to station-house at Kolar.	4,662	1,323	5,985
Jalarpet.						
13	G.O., No. 2374 R.	6th Oct. 1892.	Watering arrangements at Jalarpet ..	1,605	8,181	9,686
14	G.O., No. 45 R.	30th Jan. 1894.	Alterations and additions to the station-house at Jalarpet.	10,786	6,517	17,303
15	G.O., No. 2991 R.	12th Dec. 1892.	Third line goods-shed lay-by, goods godown and loading bank at Jalarpet.	7,161	7,696	14,847
	C.E. No. 1098 ..	14th				
16	G.O., No. 1025 R.	20th July 1893.	Twenty houses for native firemen at Jalarpet.	4,527	1,617	6,044
17	G.O., No. 1056 R.	27th .. "	Two double bungalows for guards at Jalarpet.	6,878	2,382	9,260
Nagari.						
18	G.O., No. 18 R.	10th Jan. 1894.	Interlocking points and signals at Nagari.	114	7,254	7,368
Pôdanur.						
19	G.O., No. 923 R.	3rd June 1893.	Third line, Nilgiri branch at Pôdanur ..	2,065	8,693	10,758
20	G.O., No. 2166 R.	7th Sept. 1892.	Alterations and additions to sidings at Pôdanur.	705	8,814	9,519
	M.O.M. ..	27th July 1893.				
Palghat.						
21	G.O., No. 120 R.	26th Feb. 1894.	Alterations and additions to sidings at Palghat.	7,625	6,299	13,924
Shoranur.						
22	G.O., No. 1049 R.	25th July 1893.	Third line, &c., at Shoranur	3,216	2,922	6,138
Feroke.						
23	G.O., No. 1901 R.	6th Aug. 1892.	Third line, &c., at Feroke	3,622	4,677	8,299
	M.O.M. ..	24th .. 1893.				

TAIL

WORKS—PART I.

MADRAS RAILWAY for the official year 1894-95.

Actual expenditure up to close of official year 1893-94.			Probable expenditure during 1893-94.			Budget estimate of expenditure for official year 1894-95.			Estimated expenditure in future years.	Remarks.
Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
6,853	49,799	56,652	33,670	32,400	66,070	..	..	..	..	
12	5,731	5,743	12,384	12,276	24,660	500	..	500	..	
5,423	31,376	36,799	263	12,238	12,501	..	..	..	..	
..	..	..	12,133	..	12,133	..	..	..	..	
126	2,786	2,912	2,279	1	2,280	..	..	..	..	
1,171	3,655	4,826	671	..	671	5,000	509	5,509	..	
..	..	..	2,000	1,500	3,500	3,040	1,000	4,040	..	
3,417	640	4,057	450	..	450	..	..	..	..	
411	430	841	11,345	981	12,326	..	..	..	..	
..	..	..	4,000	2,000	6,000	1,172	364	1,536	..	
..	..	..	..	..	..	83,891	59,439	1,43,330	..	
..	..	..	3,662	1,000	4,662	2,000	323	2,323	..	
97	6,804	6,901	1,418	1,742	3,160	10,786	6,617	17,303	..	
456	1,297	1,752	6,696	6,399	13,095	..	..	..	..	
..	..	..	2,827	1,200	4,027	1,700	817	2,517	..	
..	..	..	3,000	1,503	4,503	2,878	882	3,760	..	
..	..	..	..	..	..	114	7,254	7,368	..	
258	64	322	1,451	2,833	4,284	..	..	..	..	
..	..	..	..	..	..	7,623	8,299	15,924	..	
..	..	..	3,216	2,922	6,138	..	..	..	..	
3,126	4,073	7,199	362	603	965	..	..	..	..	

Budget Estimate of Sanctioned Works of the

Number of items	Sanctions.		Particulars.	Amount of estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			STATIONS AND BUILDINGS—cont.	Rs.	Rs.	Rs.
			<i>Mettupalaiyam.</i>			
24	U.O., No. 2675 R. C.E., No. 1062..	11th Nov. 1892. 5th Dec. "	Alterations and additions in connection with the junction of the Nilgiri Railway with the Madras Railway at Mettupalaiyam.	14,972	7,791	22,763
			<i>Tiruttani.</i>			
25	C.E. No. 888 ..	17th Nov. 1893.	Interlocking points and signals at Tiruttani.	64	9,804	9,868
			<i>Vepagunta.</i>			
26	G.O., No. 1203 R.	13th Sept. 1893.	Station-house, &c., at Vepagunta ..	3,935	1,741	5,676
			<i>Rinigunta.</i>			
27	G.O., No. 1792 R. M.O.M. ..	6th Aug. 1891. 29th June 1892.	Extension of engine-shed, &c., at Rinigunta.	7,081	8,253	15,334
			<i>Gooty.</i>			
28	G.O., No. 775 R.	26th April 1893.	Institute at Gooty ..	8,130	6,596	14,726
29	G.O., No. 1436 R.	28th Dec. 1893.	A double guard's bungalow at Gooty ..	4,124	1,138	5,272
			<i>Miscellaneous.</i>			
30	G.O., No. 2073 R.	9th Sept. 1891.	Distant signals, South-west and North-west lines.	9,747	36,993	46,740
31	G.O., No. 8-A. B.	18th Jan. 1894.	Shed, &c., required for the introduction of Pintsch's system of gas lighting.	14,597	1,42,147	1,56,744
			<i>Electric Telegraph.</i>			
32	G.O., No. 798 R.	25th July 1889.	Revised estimate for the extension of the block system and the introduction of starting semaphore signals, &c., South-west and North-west lines, including additional stations.	64,943	1,01,818	1,66,761
33	G.O., No. 111 R.	1st Feb. "	Single needle instruments, batteries, &c., for trial or additional stations.	4,122	3,588	7,710
34	G.O., No. 2286 R.	14th Oct. 1891.	Introduction of block system between Madras and Arkonam. Sanctioned minor works as per schedule C.	2,873 79,190	2,392 63,092	5,265 1,42,282
			Total, Engineering Department ..	4,09,818	6,58,729	10,68,547
			LOCOMOTIVE DEPARTMENT.			
1	G.O., No. 2057 R.	23rd Aug. 1892.	Eight engines and tenders ..	5,800	2,33,960	2,39,760
			CARRIAGE AND WAGON DEPARTMENT.			
			<i>Furnishing additional screw couplings to vehicles.</i>			
1	G.O., No. 1515 R.	17th Oct. 1890.	Three thousand two hundred and thirty screw couplings.	15,376	23,384	38,760
2	G.O., No. 1615 R.	17th .. "	One thousand two hundred centre chains.	1,050	6,900	7,950
3	G.O., No. 148 R.	9th Mar. 1894	One fifteen ton travelling crane ..	400	6,170	6,570
			One composite carriage ..	2,220	4,626	6,846
4	G.O. No. 148 R.	" "	Five third-class carriages ..	8,200	16,800	25,000
			Two brake vans ..	1,240	5,760	7,000
			Sanctioned minor works as per schedule C.	957	9,869	10,826
			Total, Carriage and Wagon Department.	24,443	72,509	96,952
			Total, Schedule A ..	4,50,861	8,65,198	13,16,059

* It was found more economical to forge a larger proportion of these chains during the last year, and the

Madras Railway for the official year 1894-95—cont.

Actual expenditure up to close of official year 1892-93.			Probable expenditure during 1893-94.			Budget estimate of expenditure for official year 1894-95.			Estimated expenditure in future years.	Remarks.
Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
10	..	10	14,962	7,791	22,753	..	..	..	..	
..	..	..	..	..	..	64	9,804	9,868	..	
..	..	..	2,000	1,000	3,000	1,935	741	2,676	..	
6,889	7,753	14,642	191	..	191	..	..	..	..	
..	..	..	7,100	6,000	13,100	1,030	598	1,628	..	
..	..	..	..	..	..	4,124	1,138	5,272	..	
5,546	37,315	42,861	794	1,952	2,746	..	..	..	..	
..	..	..	..	..	..	14,597	1,42,147	1,56,744	..	
86,822	94,022	1,80,844	3,457	2,814	6,271	4,564	4,972	9,536	..	
1,050	1,342	2,392	435	870	1,305	3,637	1,876	5,513	..	Extension of date of lapse of sanction will be applied for. Sanction closed on 14th Oct. 1893.
1,934	2,082	3,996	939	830	1,769	..	..	..	..	
33,910	24,804	58,714	33,739	35,536	69,275	11,514	8,735	20,247	..	
1,27,507	2,75,963	4,03,470	1,64,344	1,30,138	2,94,482	1,59,281	2,54,911	4,14,192	..	
..	..	..	6,630	1,82,980	1,89,610	..	..	..	..	
4,603	7,650	12,253	3,100	4,700	7,800	3,100	4,700	7,800	11,007	
324	1,783	2,107	835	2,680	3,515	210	1,380	1,590	1,338	
..	..	..	..	..	..	400	6,170	6,570	..	
..	..	..	..	..	..	2,220	4,626	6,846	..	
..	..	..	..	..	..	8,200	16,800	25,000	..	
..	..	..	..	..	..	1,240	5,760	7,000	..	
..	..	..	886	9,778	10,664	..	..	..	..	
4,927	9,333	14,260	4,021	17,058	21,079	9,970	32,268	42,238	12,345	
1,32,454	2,85,298	4,17,752	1,74,995	3,30,176	5,05,171	1,69,251	2,87,177	4,56,428	12,845	

whole number will therefore now be probably completed at an earlier date than was originally estimated.

Number of items.	Sanctions.		Particulars.	Amount of estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			ENGINEERING DEPARTMENT.	rs.	rs.	rs.
			<i>Stations and Buildings.</i>			
			Ráyapuram.			
1	..	..	Sheds for export and import traffic at Ráyapuram.	16,666	8,334	25,000
			Veyasarpandy.			
2	..	..	Houses for signallers and pointmen at Veyasarpandy.	5,000	1,956	6,956
			Perambúr Works.			
3	..	..	Upstairs accommodation from bungalows Nos. 6, 7 to 5, 6 at Perambúr Works.	4,940	4,694	9,634
			Konnur.			
4	..	..	Sorting sidings at Konnur	7,544	4,037	11,681
			Arkonam.			
5	..	..	Improvements and additions to the shunting yard at Arkonam.	5,168	1,616	6,784
			Jalarpet.			
6	..	..	Houses for four European and East Indian drivers at Jalarpet.	6,322	2,758	9,080
7	..	..	Houses for five European and East Indian firemen at Jalarpet.	3,859	1,951	5,810
			Kolar Road.			
8	..	..	Alterations and additions consequent on the junction of Kolar Gold Field Railway with the Madras Railway.	46,864	26,658	73,622
			Whitefield (Watering Station).			
9	..	..	Water from nullah at 203 1/4 miles ..	4,329	3,042	7,371
			Bangalore City.			
10	..	..	Carriage shed at Bangalore City ..	4,261	2,148	6,409
11	..	..	Crossing station at 186 1/2 miles, South-west Line.	8,076	8,163	13,258
			Pódanúr.			
12	..	..	Two double blocks of bungalows for European and Eurasian drivers at Pódanúr.	6,322	2,758	9,080
13	..	..	Steam pump at Noyel river and water led into station by 6" piping at Pódanúr.	1,243	7,021	8,264
			Olavakkóti.			
14	..	..	Additional line on west side of the yard turn-table and new coke shed to be on new line.	9,670	13,628	23,198
			Palghat.			
15	..	..	Station-house at Palghat	25,000	15,000	40,000
			Kallai.			
16	..	..	An additional dock, &c., at Kallai ..	8,351	7,768	16,119
			Calicut.			
17	..	..	Telegraph Inspector's bungalow and office at Calicut.	4,627	872	5,499
18	..	..	Siding proposed to be laid from Calicut station to the beach.	7,533	17,929	25,462
			Gooty.			
19	..	..	Two double blocks of bungalows for European and Eurasian drivers at Gooty.	8,998	2,816	11,814
			BALLAST AND PERMANENT WAY.			
20	..	..	Laying new permanent way over girder bridge.	29,022	45,978	75,000

MADRAS RAILWAY for the official year 1894-95.

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Budget Estimate of Unsanctioned Works of the

Number of items.	Sanctions.		Particulars.	Amount of estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			MISCELLANEOUS.	RS.	RS.	RS.
21	..	..	Four trial stations ..	6,844	1,808	8,652
22	..	..	Six houses for native stationmasters ..	2,414	2,602	5,016
23	..	..	Four platforms for trial stations ..	7,724	6,544	13,268
24	..	..	Twenty-five houses for subordinate staff ..	4,868	2,082	6,950
25	..	..	Two complete trial stations ..	9,236	6,374	15,610
26	..	..	Distant signals for six stations South-west and six stations North-west lines.	1,320	6,015	6,336
			ELECTRIC TELEGRAPH.			
27	..	..	Lighting of Arkonam station and yard by electricity.	2,760	14,240	18,000
			Unsanctioned minor works as per schedule C.	31,900	21,097	52,997
			Total, Engineering Department ..	2,79,980	2,37,710	5,17,690
			LOCOMOTIVE DEPARTMENT.			
1	..	..	Fitting automatic vacuum brake-gear to engines.	1,000	20,000	21,000
			CARRIAGE AND WAGON DEPARTMENT.			
1	..	..	Two composite carriages ..	4,422	9,284	13,706
2	..	..	Twenty-five third-class carriages ..	16,000	79,000	95,000
3	..	..	Two tool vans ..	1,240	6,760	7,000
4	..	..	Fitting automatic vacuum brake-gear to carriages.	1,260	29,000	30,260
			Total, Carriage and Wagon Department.	22,912	1,23,044	1,45,956
			Total, Schedule B. ..	3,03,872	3,80,754	6,84,626

SCHEDULE C OR CONSTRUCTION

BUDGET ESTIMATE of MINOR WORKS of the

Number of items.	Sanctions.		Particulars.	Amount of estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			SANCTIONED WORKS.	RS.	RS.	RS.
			ENGINEERING DEPARTMENT.			
			Stations and Buildings.			
			Central Station.			
1	C.E. No. 145 ..	18th Feb. 1893.	Dispensary and Apothecary's quarters at Central Station.	2,559	1,581	4,140
2	C.E. No. 248 ..	17th Mar. "	Steam pump at Central Station	47	1,490	1,537
			Mosur.			
3	C.E. No. 684 ..	17th Aug. 1892.	Platform at Mosur ..	1,221	1,335	2,556
			Arkonam.			
4	{ C.E. No. 604. 28th July 1892. M.O.M. 1st Dec. 1893.		Guard's bungalow at Arkonam ..	3,261	587	3,848
5	C.E. No. 920 ..	25th Oct. 1892.	Alterations and additions to signaller's bungalow at Arkonam.	851	671	1,522
6	C.E. No. 1117..	19th Dec. "	Depot siding at Arkonam ..	1,860	932	2,792
7	C.E. No. 681 ..	12th July 1893.	Building for manufacturing soda-water at Arkonam.	736	517	1,253

Madras Railway for the official year 1894-95—cont.

Actual expenditure up to close of official year 1892-93.			Probable expenditure during 1893-94.			Budget estimate of expenditure for official year 1894-95.			Estimated expenditure in future years.	Remarks.
Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.		
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
..	..	..	..	..	..	6,844	1,808	8,652	..	
..	..	..	..	..	..	2,414	2,602	5,016	..	
..	..	..	..	..	..	7,724	6,544	13,268	..	
..	..	..	..	..	..	4,868	2,082	6,950	..	
..	..	..	..	..	..	9,236	6,374	15,610	..	
..	..	..	..	..	..	1,320	6,015	6,336	..	
..	..	..	..	..	..	3,760	14,240	18,000	..	
..	..	..	..	..	..	27,188	20,297	47,485	6,512	
..	..	..	..	..	..	2,10,791	1,80,480	3,91,241	1,26,429	
..	..	..	..	..	..	1,000	20,000	21,000	..	
..	..	..	..	..	..	4,422	9,284	13,706	..	
..	..	..	..	..	..	16,000	79,000	95,000	..	
..	..	..	..	..	..	1,240	6,760	7,000	..	
..	..	..	..	..	..	1,250	29,000	30,250	..	
..	..	..	..	..	..	22,912	1,23,044	1,45,956	..	
..	..	..	..	..	..	2,34,703	3,23,494	5,58,197	1,26,429	

WORKS—PART III.

MADRAS RAILWAY for the official year 1894-95.

Actual expenditure up to close of official year 1892-93.			Probable expenditure during 1893-94.			Budget estimate of expenditure for official year 1894-95.			Estimated expenditure in future years.	Remarks.
Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.		
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
..	348	348	2,707	1,251	3,958	..	..	..	..	
..	1,490	1,490	47	..	47	..	..	..	..	
395	1,200	1,595	826	135	961	..	..	..	..	
2,648	628	3,176	613	..	613	..	..	..	..	
609	401	1,010	239	..	239	..	..	..	..	
45	..	45	1,245	876	2,161	..	..	..	..	
..	..	..	736	617	1,253	..	..	..	..	

Budget Estimate of Minor Works of the

Number of items.	Sanctions.		Particulars.	Amount of estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			ENGINEERING DEPARTMENT—cont.	Rs.	Rs.	Rs.
			Stations and Buildings—cont.			
			Arcoot.			
8	C.E. No. 372 ..	26th April 1893.	Alterations and additions to station-house at Arcoot.	713	1,368	2,081
			Katpadi.			
9	C.E. No. 727 ..	20th Aug. 1893.	Double bungalow for signallers at Katpadi.	1,998	861	2,859
			Vinnamangalam.			
10	C.E. No. 781 ..	6th Oct. 1893.	Platform at Vinnamangalam ..	1,741	1,335	3,076
			Kolar Road.			
11	C.E. No. 137 ..	15th Jan. 1894.	Enlarging the Locomotive well at Kolar Road.	2,430	..	2,430
			Bangalore City.			
12	C.E. No. 1020 ..	19th Nov. 1892.	Goods shed office at Bangalore City ..	826	347	1,172
			Jalarpet.			
13	C.E. No. 683 ..	17th Aug. 1892.	Shed for sheltering carriages at Jalarpet.	996	322	1,317
	M.O.M. ..	28th Sept. 1893.	..			
14	C.E. No. 726 ..	29th Aug. 1892.	Double bungalow for family guards at Jalarpet.	3,006	873	3,878
	M.O.M. ..	24th .. 1893.	..			
15	C.E. No. 940 ..	31st Oct. 1892.	Stand pipes and piping at Jalarpet ..	432	1,314	1,666
16	C.E. No. 843 ..	28th Sept. ..	Additions to Assistant Traffic Manager's office at Jalarpet.	969	497	1,466
	M.O.M. ..	24th Aug. 1893.	..			
			McDonald's Choultry.			
17	C.E. No. 278 ..	23rd Mar. 1893.	Shifting siding at McDonald's Choultry.	140	..	140
			Cauvery.			
18	C.E. No. 689 ..	29th Aug. 1893.	Station-house, &c., at Cauvery ..	2,642	1,406	3,948
			Erode.			
19	C.E. No. 834 ..	26th Sept. 1892.	Thirty-ton weigh bridge and office, &c., at Erode.	458	2,606	3,063
	M.O.M. ..	24th Aug. 1893.	..			
20	C.E. No. 274 ..	11th Mar. ..	Alterations and additions to sidings at Erode.	434	2,385	2,819
21	C.E. No. 821 ..	18th Oct. ..	New well at Erode ..	1,183	..	1,183
			Viziamangalam.			
22	C.E. No. 696 ..	19th Aug. 1892.	Goods godown and loading bank at Viziamangalam.	1,692	359	2,051
	M.O.M. ..	27th July 1893.	..			
			Uttukuli.			
23	C.E. No. 820 ..	18th Oct. 1893.	Raising and enlarging tank at Uttukuli.	639	869	1,498
			Tirupur.			
24	C.E. No. 374 ..	27th April 1893.	Alterations and additions to the existing siding at Tirupur.	1,502	1,544	3,046
	C.E. No. 479 ..	7th June ..	..			
			Podanur.			
25	C.E. No. 615 ..	1st Aug. 1892.	Guard's bungalow at Podanur ..	2,846	1,032	3,877
	M.O.M. ..	24th .. 1893.	..			
26	C.E. No. 686 ..	17th .. 1892.	Assistant Traffic Manager's office at Podanur.	3,460	1,504	4,964
	M.O.M. ..	27th July 1893.	..			
27	C.E. No. 601 ..	21st	Double bungalow for guards at Podanur.	2,963	1,191	4,154
			Olavakkode.			
28	C.E. No. 460 ..	16th June 1892.	Alterations and additions to signaller's bungalow at Olavakkode.	915	464	1,379
	M.O.M. ..	24th Aug. 1893.	..			
			Palghat.			
29	G.O. No. 917 R.	8th April 1892.	Goods shed and extension of sidings at Palghat.	747	1,338	2,085
30	C.E. No. 461 ..	16th June 1892.	Thirty-ton weigh bridge, &c., at Palghat.	1,122	3,671	4,793
	M.O.M. ..	28th Sept. 1893.	..			
31	C.E. No. 692 ..	26th July 1892.	Approach road to goods shed at Palghat.	1,082	..	1,082
			Eddakolam.			
32	C.E. No. 688 ..	17th Aug. 1892.	Station-house at Eddakolam ..	1,319	737	2,056
	M.O.M. ..	24th .. 1893.	..			
33	C.E. No. 315 ..	10th April 1893.	Alteration of sidings at Feroke	787	827	1,614

* Note.—Stores, amounting to Rs. 1,673, will be recovered from other Capital

Madras Railway for the official year 1894-95—cont.

Actual expenditure up to close of official year 1892-93.			Probable expenditure during 1893-94.			Budget estimate of expenditure for official year 1894-95.			Estimated expenditure in future years.	Remarks.
Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
..	..	..	713	1,368	2,081	..	..	..	..	
1,656	689	2,345	603	..	603	..	..	..	..	
..	..	..	1,000	1,000	2,000	741	336	1,076	..	
..	..	..	..	..	..	2,430	..	2,430	..	
811	434	945	217	..	217	..	..	..	..	
779	264	1,043	245	88	333	..	..	..	..	
2,938	864	3,802	66	7	73	..	..	..	..	
1	71	72	370	1,114	1,484	..	..	..	..	
906	481	1,387	53	..	53	..	..	..	..	
..	..	..	140	..	140	..	..	..	..	
..	..	..	1,000	1,200	2,200	1,842	206	1,748	..	
310	2,605	2,915	148	..	148	..	..	..	..	
..	42	42	270	1,889	2,159	..	..	..	..	
..	..	..	600	..	600	583	..	583	..	
1,320	121	1,441	310	238	548	..	..	..	..	
..	..	..	339	669	998	307	300	600	..	
..	..	..	1,373	..	1,373	..	..	..	..	
2,826	972	3,797	10	69	69	..	..	..	..	
2,260	1,390	4,640	205	113	318	..	..	..	..	
..	..	..	2,000	1,000	3,000	963	191	1,154	..	
813	346	1,159	..	117	117	..	..	..	..	
479	1,219	1,698	268	119	387	..	..	..	..	
634	2,679	3,213	488	1,092	1,580	..	..	..	..	
840	..	840	840	..	840	..	..	..	..	
1,307	598	1,905	11	104	117	..	..	..	..	
..	..	..	1,005	674	1,679	..	..	..	..	

works, and the net expenditure will be Rs. 1,373 Capital and Rs. 214 Revenue.

Budget Estimate of Minor Works of the

Number of items.	Sanctions.		Particulars.	Amount of estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			ENGINEERING DEPARTMENT—cont.	rs.	rs.	rs.
			Stations and Buildings—cont.			
			Coimbatore.			
34	C.E. No. 483 ..	8th June 1893.	Lay-by, &c., at Coimbatore ..	634	1,848	2,482
35	C.E. No. 833 ..	12th Mar. 1894.	Raising the line at 320-10-B miles, Nilgiri branch.	1,282	..	1,282
			Ponpadi.			
36	C.E. No. 606 ..	22nd July 1893.	Platform at Ponpadi ..	1,024	1,335	2,359
			Vepagunta.			
37	C.E. No. 605 ..	8th July 1891.	Platform and lay-by at Vepagunta ..	1,372	3,036	4,408
			Pudi.			
38	C.E. No. 451 ..	29th May 1893.	Complete interlocking of all points and signals and working the same by one man from the platform without pointman at Pudi.	330	1,631	1,961
			Puttur.			
39	C.E. No. 98 ..	11th Jan. 1894.	Interlocking the points and signals at Puttur.	111	3,057	3,168
			Rénigunta.			
40	G.O. No. 1686 R.	21st June 1892.	Double guards bungalow at Rénigunta.	2,128	407	2,535
	M.O.M. ..	27th Feb. 1894.				
41	C.E. No. 614 ..	1st Aug. 1892.	One block of four bungalows for European and Eurasian firemen at Rénigunta.	3,401	1,104	4,505
	M.O.M. ..	27th Feb. 1894.				
42	C.E. No. 831 ..	26th Sept. 1892.	Six houses for subordinate staff at Rénigunta.	949	329	1,278
	M.O.M. ..	24th Aug. 1893.				
			Mamandur.			
43	C.E. No. 451 ..	23rd May 1893.	Points to be worked and locked, &c., locally by pointmen, signals to be worked and controlled by station master who also detects and locks points.	276	1,201	1,477
			Kodur.			
44	C.E. No. 792 ..	7th Oct. 1893..	Four houses for subordinate staff for Traffic Department at Kodur.	779	333	1,112
			Rájampéta.			
45	C.E. No. 868 ..	6th Oct. 1892.	Six houses for subordinate staff at Rájampéta.	1,002	269	1,271
	M.O.M. ..	28th Sept. 1893.				
			Siddhavattam.			
46	C.E. No. 342 ..	3rd May 1892.	Extension of platform and through siding at Siddhavattam.	1,707	1,512	3,219
	M.O.M. ..	24th Aug. 1893.				
			Cuddapah.			
47	C.E. No. 868 ..	5th Oct. 1892 ..	Six houses for subordinate staff at Cuddapah.	1,123	163	1,286
	M.O.M. ..	28th Sept. 1893..				
48	C.E. No. 530 ..	21st June ..	Eight houses for subordinate staff (Traffic Department) at Cuddapah.	1,416	637	2,053
			Gangayapalli.			
49	C.E. No. 687 ..	17th Aug. 1892.	Station-house at Gangayapalli ..	1,291	802	2,093
	M.O.M. ..	24th .. 1893.				
			Yerragudipad.			
50	C.E. No. 822 ..	18th Oct. 1893..	Platform at Yerragudipad ..	950	1,125	2,075
			Gooty.			
51	C.E. No. 832 ..	26th Sept. 1892.	Eight houses for native firemen at Gooty.	2,471	238	2,710
	M.O.M. ..	29th June 1893.				
52	C.E. No. 603 ..	28th July 1892.	Block of four houses for drivers at Gooty.	2,308	457	2,765
	M.O.M. ..	28th Sept. 1893.				
			Guntakal.			
53	C.E. No. 816 ..	17th Oct. 1893..	Native signaller's bungalow at Guntakal..	2,620	610	3,230
			Raichur.			
54	C.E. No. 813 ..	9th Mar. 1894.	A new engine turn-table at Raichur ..	793	3,024	3,817
	M.O.M. ..	31st Oct. 1893..				
55	C.E. No. 941 ..	24th Aug. ..	New coal siding at Raichur ..	930	1,628	2,558
	M.O.M. ..	1st Nov. 1892..				
56	C.E. No. 917 ..	28th Sept. ..	Enlargement of locomotive wall at Raichur.	2,207	1,369	3,576

Madras Railway for the official year 1894-95—cont.

Actual expenditure up to close of official year 1892-93.			Probable expenditure during 1893-94.			Budget estimate of expenditure for official year 1894-95.			Estimated expenditure in future years.	Remarks.
Cash outlay in India.	Value of Stores.	Total.	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.		
rs.	rs.	rs.	rs.	rs.	rs.	rs.	rs.	rs.	rs.	
..	..	..	634	1,848	2,482	1,282	..	1,282	..	
..	..	..	..	..	..	..	..	..	..	
..	..	..	1,024	1,335	2,359	..	..	..	..	
864	636	1,500	959	1,322	2,281	..	..	..	..	
..	..	..	330	1,631	1,961	..	..	..	..	
..	..	..	..	..	..	111	3,057	3,168	..	
121	148	269	2,007	169	2,176	..	..	..	..	
1,444	679	2,123	1,956	69	2,025	..	..	..	..	
691	329	1,020	258	..	258	..	..	..	..	
..	..	..	276	1,201	1,477	..	..	..	..	
..	..	..	800	300	1,100	279	33	312	..	
614	251	865	388	..	388	..	..	..	..	
1,199	1,511	2,710	4	..	4	..	..	..	..	
687	157	844	636	8	644	..	..	..	..	
..	..	..	1,416	637	2,053	..	..	..	..	
1,058	724	1,782	233	..	233	..	..	..	..	
..	..	..	600	600	1,100	450	626	1,076	..	
2,090	239	2,329	381	..	381	..	..	..	..	
2,019	457	2,476	289	..	289	..	..	..	..	
..	..	..	1,020	400	1,420	1,600	210	1,810	..	
..	..	..	..	..	..	793	3,024	3,817	..	
..	..	..	..	130	130	..	..	..	..	
930	1,710	2,640	..	..	..	..	..	..	..	
327	752	1,079	1,880	811	2,691	..	..	..	..	

Budget Estimate of Minor Works of the

Number of items.	Sanctions.		Particulars.	Amount of estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			ENGINEERING DEPARTMENT—cont.	Rs.	Rs.	Rs.
			Stations and Buildings—cont.			
			Raichur—cont.			
57	C.E. No. 1089 ..	12th Dec. 1892.	Alteration and addition of sidings between station-house and engine-shed at Raichur.	683	2,150	2,833
			Electric Telegraph.			
58	C.E. No. 581 ..	12th July 1893.	Plant for soda-water manufacture at Arkonam.	440	852	1,292
			Total, Engineering Department, carried to schedule A.	79,190	63,092	1,42,282
			CARRIAGE AND WAGON DEPARTMENT.			
1	C.E. No. 151 ..	20th Feb. 1893.	Fitting automatic vacuum brake gear ..	125	4,543	4,668
2	C.E. No. 702 ..	6th Sept. "	Two tank wagons for carrying kerosine-oil ..	820	3,280	4,100
3	C.E. No. 793 ..	7th Oct. "	One new forging machine ..	12	2,046	2,058
			Total, Carriage and Wagon Department, carried to schedule A.	957	9,869	10,826
			Total, Sanctioned minor works ..	80,147	72,961	1,53,108
			UNSANCTIONED WORKS.			
			ENGINEERING DEPARTMENT.			
			Stations and Buildings.			
			Kayapuram.			
1	..	..	Alteration of sidings and signals and also grouping and interlocking points with signals at Kayapuram.	826	2,725	3,551
2	..	..	Supply of Red Hills water to engines at Kayapuram.	843	2,254	2,197
			Central Station.			
3	..	..	Shed for making gas at Central Station ..	2,128	867	2,995
			Manur.			
4	..	..	Platform on down line at Manur ..	1,683	1,335	2,918
			Jalarpet.			
5	..	..	House for engine-driver and store-room at pumping station at Jalarpet.	930	184	1,114
6	..	..	Ten huts for native firemen and artisans at Jalarpet.	2,264	758	3,022
			Bangalore City.			
7	..	..	Carriage Examiner's bungalow at Bangalore City.	2,624	662	3,286
			Kadiampati.			
8	..	..	Goods godown at Kadiampati ..	333	1,078	1,411
			Podanur.			
9	..	..	Removal of 4th Division South-West line workshop from Calicut to Podanur.	1,000	200	1,600
10	..	..	Emergency stock shed and lay-bye at Podanur.	479	918	1,397
			Feroke.			
11	..	..	Two extra godowns for merchants at Feroke.	1,654	685	2,339
			Rénigunta.			
12	..	..	Ten houses for native firemen at Réni-gunta.	2,720	580	3,300
13	..	..	Extension of transshipping shed at Réni-gunta.	784	1,928	2,712
14	..	..	Watering arrangements to be improved at Thooch at Renigunta.	3,052	..	3,052
			Gooty.			
15	..	..	Large latrine instead of the small one at north end of platform at Gooty.	865	244	1,109
			Raichur.			
16	..	..	Removal of overbridge at Raichur ..	1,139	688	1,827
17	..	..	Addition to goods shed at Raichur ..	2,802	210	3,012

Madras Railway for the official year 1894-95—cont.

Actual expenditure up to close of official year 1892-93.			Probable expenditure during 1893-94.			Budget estimate of expenditure for official year 1894-95.			Estimated expenditure in future years.	Remarks.
Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
..	669	669	721	1,693	2,314	..	..	..	..	
..	..	..	..	..	..	440	852	1,292	..	
33,910	24,804	58,714	33,739	25,536	59,275	11,514	8,733	20,247	..	
..	..	..	70	4,140	4,210	..	..	..	..	
..	..	..	804	3,692	4,096	..	..	..	..	
..	..	..	12	2,046	2,058	..	..	..	..	
..	..	..	886	9,778	10,664	..	..	..	..	
33,910	24,804	58,714	34,325	35,314	69,639	11,514	8,733	20,247	..	
..	..	..	..	..	..	826	2,725	3,551	..	
..	..	..	..	..	..	843	2,254	2,197	..	
..	..	..	..	..	..	2,128	867	2,995	..	
..	..	..	..	..	..	1,683	1,335	2,918	..	
..	..	..	..	..	..	930	184	1,114	..	
..	..	..	..	..	..	2,264	758	3,022	..	
..	..	..	..	..	..	2,624	662	3,286	..	
..	..	..	..	..	..	333	1,078	1,411	..	
..	..	..	..	..	..	..	..	..	1,800	
..	..	..	..	..	..	479	918	1,397	..	
..	..	..	..	..	..	1,654	685	2,339	..	
..	..	..	..	..	..	2,720	580	3,300	2,430	
..	..	..	..	..	..	784	1,928	2,712	..	
..	..	..	..	..	..	1,770	..	1,770	1,282	
..	..	..	..	..	..	865	244	1,109	..	
..	..	..	..	..	..	1,139	688	1,827	..	
..	..	..	..	..	..	2,802	210	3,012	..	

Budget Estimate of Minor Works of the

Number of items	Sanctions.		Particulars.	Amount of estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			ENGINEERING DEPARTMENT—cont.	RS.	RS.	RS.
			Stations and Buildings—cont.			
			Baichur—cont.			
18	..	..	Safety siding to prevent wagons from moving away on the Madras Railway line.	7,362	2,087	3,439
19	..	..	Additions to Apothecary's quarters at Baichur.	965	482	1,447
			Miscellaneous.			
20	..	..	Two loading banks to be provided at two stations.	1,448	..	1,448
21	..	..	Overbridge at Elephant gate crossing ..	709	1,612	2,321
			Electric Telegraph.			
22	..	..	Buildings in connection with the lighting of Arkonam station yard by electricity.	1,400	..	1,400
23	..	..	Fixing lightning conductors to the building at Bangalore City.	500	1,000	1,500
			Total, Engineering Department, carried to schedule B.	31,900	21,097	62,997
			LOCOMOTIVE DEPARTMENT.			
	..	..	NJ.	..	..	..
			CARRIAGE AND WAGON DEPARTMENT.			
	..	..	NJ.	..	..	..
			Total, Unsanctioned Minor Works ..	31,900	21,097	62,997

Madras Railway for the official year 1894-95—cont.

[illegible]

SCHEDULE D ON CONSTRUCTION WORKS—PART IV.
BUDGET ESTIMATE of EMERGENT WORKS of the MADRAS RAILWAY for the official year
1894-95—Nil.

SCHEDULE E.

BUDGET ESTIMATE of EXPENDITURE for PURCHASE of STORES for the MADRAS RAILWAY
during 1894-95.

Detail.	ACTUAL PURCHASES DURING 1892-93.		PROBABLE PURCHASES DURING 1893-94.		ESTIMATED PURCHASES DURING 1894-95.	
	Quantity.	Amount.	Quantity.	Amount.	Quantity.	Amount.
<i>In India.</i>						
Firewood	Tons.	80,537	3,80,377	93,000	4,65,000	90,000
Oil of sorts	..	..	1,65,530	..	1,61,900	..
Cotton, waste, &c. ..	lbs.	93,379	6,679	46,000	6,000	1,47,000
Timber of all kinds ..	Tons.	2,293	1,69,976	..	..	8,000
Tallow, country	lbs.	6,971	1,180	2,000	1,68,350	1,65,000
Coal, Indian	Tons.	21,208	8,05,600	23,000	450	850
Wooden sleepers	..	..	..	3,45,000	24,000	3,00,000
Do. keys	..	..	..	20,000	..	20,000
Materials for tarpaulins	..	..	..	14,000	..	14,000
Manufacture of stores ..	..	..	..	15,000	..	7,500
Freight and landing charges	..	1,32,624	..	1,70,420	..	1,66,200
Sundry stores	..	34,308	..	60,000	..	80,000
	..	1,66,501	..	1,08,713	..	1,30,740
Total ..	..	13,81,673	..	16,24,833	..	14,76,990
<i>In England.</i>						
Coal, coke and patent fuel ..	Tons.	607	9,719	..	..	..
Brass and copper pipes, tubes, &c. ..	..	50	36,855	..	81,656	1,000
Iron and steel plates and bars ..	..	834	65,936	..	19,974	30,000
Materials for renewals of rolling-stock, chiefly iron	..	..	..	..	..	10,000
works	..	..	..	..	..	..
Tyres, engines and carriages ..	Tons.	14	4,781	..	27,194	30,000
Machinery	..	..	5,572	110	4,431	8,500
Axles, crank	No.	..	32,447	..	2,138	16,000
Do. carriages	..	8	4,778	25	15,904	16,000
Locomotives	..	..	..	..	100	5,000
Iron under frames for carriage ..	No.	..	..	1,80,224	..	75,000
Plant for making gas and fittings for lighting ..	..	..	..	..	50	30,000
Automatic vacuum brake fittings ..	..	..	..	..	..	..
Permanent-way materials	Tons.	..	..	13	4,548	1,65,304
Girders and iron cylinders	..	402	45,391	..	70	49,000
Telegraph stores	..	343	46,835	..	2,39,000	1,50,000
Materials for tarpaulins	..	..	2,948	..	60,000	19,000
Sundry stores	..	..	6,450	..	628	3,700
	..	..	3,13,184	..	11,000	5,600
Total ..	..	8,74,806	..	7,23,727	..	1,80,305
Total, Schedule E ..	..	19,56,539	..	22,48,560	..	22,83,899

MEMORANDUM.

	RS.
Actual balance of stores on hand, 1st April 1893	29,14,662
Estimated purchases during 1893-94 as above	22,48,560
Total ..	51,63,222
Estimated issues during 1893-94	22,30,176
Estimated balances on 1st April 1894	29,33,046
Estimated purchases during 1894-95	22,83,899
Total ..	52,16,945
Estimated issues during 1894-95	26,10,671
Estimated balances on 1st April 1895	26,08,274

ENGLISH TRANSACTIONS.

	Budget estimate, 1894-95.
	RS.
Indents to be sent home during the year	9,69,670
Add for indents of previous year expected to be complied with in official year	3,16,178
Add English establishment charges	1,09,091
Total ..	13,94,939
Deduct amount of orders not expected to be complied with until next year	4,78,939
Total ..	9,16,000
Net Capital cash transactions in England	..

SCHEDULE F.

ESTIMATE of TRAFFIC RECEIPTS of the MADRAS RAILWAY, 1894-95.

Number of miles open for traffic on 1st April 1893	840
Expected to be opened during 1893-94	..
Total on 1st April 1894	840
Expected to be opened during 1894-95	840
Total likely to be opened at end of 1894-95	840
Average number of miles expected to be opened during the whole of 1894-95	840

	Actuals in 1892-93.	Sanctioned budget estimate, 1893-94.	Revised estimate, 1893-94.	Budget estimate, 1894-95.
	RS.	RS.	RS.	RS.
Coaching traffic	38,50,131	38,60,000	39,00,000	40,00,000
Goods do.	58,43,432	57,10,000	61,10,000	65,00,000
Electric telegraph earnings	18,933	20,000	17,000	20,000
Sundries	1,57,281	1,60,000	2,23,000	1,60,000
Total ..	98,69,777	97,50,000	1,02,50,000	1,06,80,000
Train mileage	25,35,755	24,72,000	26,40,000	26,40,000

SCHEDULE G.

ESTIMATE OF REVENUE EXPENDITURE ON THE MADRAS RAILWAY FOR THE OFFICIAL YEAR 1894-95.

	Actuals in 1892-93.	Sanctioned budget estimate, 1893-94.	Revised estimate, 1893-94.	Budget estimate, 1894-95.
<i>Maintenance of Way, Works and Stations.</i>				
1. General superintendence	2,66,780	2,60,000	2,80,000	2,70,000
2. Maintenance and renewal of permanent way.	6,31,338	7,00,000	3,75,000	5,15,000
3. Repairs of bridges, &c., wages and materials.	2,36,639	2,00,000	1,00,000	1,50,000
3-A. Conservancy of rivers	...	...	...	...
4. Repairs of stations and buildings, wages and materials	1,75,726	1,80,000	1,71,000	1,80,000
5. Maintenance by contract	...	...	...	...
6. New minor works	22,635	20,000	24,000	25,000
7. Unclassified expenditure	2,47,486	2,10,000	1,60,000	2,00,000
Total ...	15,80,604	15,70,000	11,10,000	13,40,000
Deduct—value of stores returned to stock	1,40,152	...	...	...
Sum chargeable to Fire Insurance Fund	2,039	...	...	...
Total ...	14,38,413	14,50,000	11,10,000	13,40,000
<i>Locomotive Expenses.</i>				
1. General superintendence	1,16,350	1,10,000	1,25,000	1,25,000
2. Running expenses (wages connected with the working of locomotive engines) ...	3,66,672	3,70,000	3,77,000	3,70,000
3. Fuel	6,75,141	7,10,000	7,50,000	7,15,000
4. Water (including wages and stores) ...	27,811	26,000	27,000	28,000
5. Oil, tallow and other stores (expended on engines in work)	43,931	45,000	45,000	45,000
6. Maintenance and renewals of locomotive engines	4,20,259	4,40,000	5,20,000	4,25,000
6-A. Maintenance and renewals of machinery, tools and plant	1,03,514	1,00,000	84,000	50,000
7. New minor works	...	2,500	2,000	2,000
8. Payments to other lines	...	...	...	...
9. Unclassified expenditure	1,20,489	1,46,500	2,00,000	1,65,000
Total ...	18,73,967	19,50,000	21,00,000	19,25,000
<i>Carriage and Wagon Expenses.</i>				
1. General superintendence	28,685	30,000	37,000	37,000
2. Repairs and renewals of vehicles	2,79,834	2,70,500	3,75,000	4,30,000
2-A. Do. do. of machinery, tools and plant	60,542	65,000	25,000	60,000
3. Cleaning carriages and wagons and oiling.	63,731	70,000	66,000	62,000
4. New minor works	...	2,500	2,000	2,000
5. Unclassified expenditure	39,082	50,000	55,000	49,000
Total ...	4,71,854	5,00,000	5,60,000	6,40,000
Deduct—sum chargeable to Fire Insurance Fund	2,860	...	...	...
Total ...	4,68,994	5,00,000	5,60,000	6,40,000

ESTIMATE OF REVENUE EXPENDITURE ON THE MADRAS RAILWAY FOR THE OFFICIAL YEAR 1894-95—cont.

	Actuals in 1892-93.	Sanctioned budget estimate, 1893-94.	Revised estimate, 1893-94.	Budget estimate, 1894-95.
<i>Traffic Expenses.</i>				
1. Salaries, wages, &c.	6,03,838	6,20,000	6,24,000	6,20,000
2. Fuel, lighting, water and general stores ...	1,00,132	1,10,000	1,40,000	1,22,000
3. Clothing	11,045	9,000	11,500	10,500
4. Printing, stationery and tickets	77,624	72,000	82,000	75,000
5. Charges for delivery and collection of goods, &c.	2,473	2,000	2,500	2,000
6. Miscellaneous expenses	6,029	6,000	8,000	6,000
7. Payments to other lines	10,030	...	12,000	10,000
8. Unclassified expenditure	34,347	21,000	50,000	31,000
Total ...	8,45,518	8,40,000	9,30,000	8,76,500
Deduct—value of stores returned to stock	782	...	...	...
Sum chargeable to Fire Insurance Fund	1,121	...	...	...
Total ...	8,44,397	8,40,000	9,30,000	8,76,500
<i>General Charges.</i>				
1. Home expenditure	66,384	68,000	81,000	70,000
2. Salaries of Indian management including offices	2,53,890	2,60,000	2,78,800	2,71,260
3. Police	38,108	39,000	39,000	39,000
4. Advertising (all advertisements of all departments)	4,562	4,000	4,900	5,000
5. Electric telegraph	1,33,697	1,42,000	1,45,300	1,58,240
6. Clearing accounts with other lines ...	...	...	...	...
7. Unclassified expenditure	42,284	45,000	57,000	50,000
Total ...	5,38,925	5,58,000	6,06,000	5,93,500
Deduct—sum chargeable to Fire Insurance Fund	5,657	6,000	6,000	4,000
Total ...	5,33,268	5,52,000	6,00,000	5,89,500
<i>Special and Miscellaneous Expenditure.</i>				
1. Law charges	870	2,400	2,000	3,000
2. Compensation	8,292	4,000	4,000	7,000
3. Rates and taxes (including Municipal water-rates)	20,107	16,000	20,000	22,000
4. Payments to other lines	29,233	25,000	10,000	50,000
5. Prizes for station gardens, &c.	837	600	900	1,000
6. Contributions to Railway Provident Institution	39,970	40,000	43,000	46,000
7. Miscellaneous	16,299	20,000	20,100	20,000
Total ...	1,14,608	1,08,000	1,00,000	1,29,000
Deduct—sum chargeable to Fire Insurance Fund	4,728	...	...	...
Total ...	1,09,882	1,08,000	1,00,000	1,29,000

MADRAS, 16th April 1893.

(Signed) F. DUNSTERVILLE,
Chief Auditor.

(Signed) L. S. MOSS,
Agent and Manager.

1st May 1894, No. 277 R., PUBLIC WORKS.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper:—

From the Agent and Manager, Madras Railway, dated 16th April 1894, No. 7742/284.

ABSTRACT.—Submitting the final issue of the Capital and Revenue revised and budget estimates, Madras Railway, for the years 1893-94 and 1894-95.

ORDER—dated 1st May 1894, No. 277 R., Public Works.

Ordered that the final issue of the Capital and Revenue revised and budget estimates, Madras Railway, for the years 1893-94 and 1894-95 be forwarded to the Government of India.

[Here enter No. 278 R., dated 1st May 1894.]

(True Extract.)

Captain, R.E.,
Under Secy. to Govt., P.W.D.,
Railway Branch.

To the Agent and Manager, Madras Railway.
" Examiner, Railway Accounts, Madras.

Exd. C. A. Maniasamy.
Spare Copies

RAILWAY.

Govt. of {1894} Madras.

PUBLIC WORKS.

Dated May, 1st.

Issued.

Encl.

G.O., 1st May 1894, No. 277 R.

MAY.

Madras Railway

The final issue of the Capital and Revenue revised and budget estimates of the — for 1893-94 and 1894-95, ordered to be forwarded to the Government of India.

FINAL ISSUE.

6

BUDGET ESTIMATE

OF THE

MADRAS RAILWAY

FOR THE YEAR

1894-95.

CAPITAL ACCOUNT.

ABSTRACT of the ESTIMATED CASH EXPENDITURE on the MADRAS RAILWAY for the official year 1894-95.

Particulars.	Actuals for 1892-93.	Budget estimate for 1893-94.	Revised estimate for 1893-94.	Budget estimate for 1894-95.
INDIA.				
CAPITAL OUTLAY.				
<i>Engineering Department.</i>				
Sanctioned works as per schedule A				
Works to be sanctioned do. B		87,853	1,64,314	1,59,281
Emergent works do. D		2,78,677		2,10,791
<i>Locomotive Department.</i>				
Sanctioned works as per schedule A				
Works to be sanctioned do. B		5,800	6,630	
<i>Carriage and Wagon Department.</i>	2,83,428			1,000
Sanctioned works as per schedule A				
Works to be sanctioned do. B		3,435	4,021	9,970
<i>General.</i>		4,422		22,912
Establishment				
Stores as per schedule E				
Miscellaneous	13,81,873	15,14,813	15,24,833	14,78,990
Suspense Miscellaneous	19,115	5,000	5,000	5,000
Increase or decrease of balance of Capital Advance Account			40,172	34,056
Total withdrawals on Capital Account	16,84,216	19,00,000	17,25,000	19,00,000
<i>Receipts to be credited to Capital Account.</i>				
Share capital paid in India				
Refunds for stores sold to Revenue, &c.				
Other refunds—	18,81,579	20,00,000	19,00,000	20,00,000
Home expenditure, &c.	2,47,282	3,50,000	2,00,000	2,00,000
Total Payments on Capital Account	21,28,861	23,50,000	21,00,000	22,00,000
Not cash demand in India on Capital Account	4,44,645	4,50,000	3,75,000	3,00,000
ENGLAND.				
<i>Purchase of Stores.</i>				
Indents to be sent home during the year		10,90,123	5,55,278	9,69,670
Previous indents to be complied with		6,22,000	4,84,627	3,16,178
Total		17,12,123	10,39,905	12,85,848
Deduct for indents estimated to be complied with in the following year		3,47,123	3,16,178	4,78,939
Total Outlay for Stores	5,74,866	13,65,000	7,23,727	8,06,909
<i>Home Expenditure and Payments.</i>				
Home expenditure				
Furlough and sick leave allowances		70,000	82,909	70,909
Family and sundry payments less receipts	1,18,160	30,000	12,000	8,618
		40,000	28,364	28,364
Total, Home Expenditure and Payments	1,18,160	1,40,000	1,23,273	1,09,091
Total, Cash Demand in England	6,93,026	15,05,000	8,47,000	9,16,000

REVENUE ACCOUNT.

ABSTRACT of ESTIMATED REVENUE RECEIPTS and EXPENDITURE of the MADRAS RAILWAY for the official year 1894-95.

Particulars.	Actuals for 1892-93.	Budget estimate for 1893-94.	Revised estimate for 1893-94.	Budget estimate for 1894-95.
RECEIPTS AS PER SCHEDULE F.				
Coaching traffic	38,50,131	38,80,000	39,00,000	40,00,000
Goods do.	58,43,432	57,10,000	61,10,000	65,00,000
Electric Telegraph earnings	18,933	20,000	17,000	20,000
Sundries	1,57,281	1,80,000	2,23,000	1,60,000
Total (1)	98,69,777	97,50,000	1,02,50,000	1,08,80,000
Receipts on account of traffic appertaining to other lines				
Receipts from Capital Account other than traffic earnings	8,80,884	9,00,000	13,00,000	9,00,000
Receipts from foreign lines other than traffic earnings				
Other abnormal receipts in detail or as per schedule attached				
Total Payments into Treasury on Revenue Account (2)	1,07,50,661	1,06,50,000	1,15,50,000	1,15,80,000
EXPENDITURE AS PER SCHEDULE G.				
Maintenance of way, works and stations	14,38,413	14,50,000	11,10,000	13,40,000
Locomotive expenses	18,73,967	19,50,000	21,00,000	19,25,000
Carriage and wagon expenses	4,68,994	5,00,000	5,60,000	6,40,000
Traffic expenses	8,44,397	8,40,000	9,30,000	8,76,500
General charges	5,33,268	5,52,000	6,00,000	5,89,500
Special and miscellaneous expenditure	1,09,882	1,08,000	1,00,000	1,29,000
Total (3)	52,68,921	54,00,000	54,00,000	55,00,000
Payments to other lines for their proportion of through traffic, &c.	9,58,566	9,00,000	9,50,000	9,00,000
Payments to Capital Account other than for stores, &c., included in the working expenses in schedule G				
Other abnormal payments in detail or as per schedule attached				
Total withdrawals from Treasury on Revenue Account (4)	62,27,487	63,00,000	63,50,000	64,00,000
Net earnings (1) — (3)	46,00,856	43,50,000	48,50,000	51,80,000
Net receipts (2) — (4)	45,23,174	43,50,000	52,00,000	51,80,000
Surplus profits				

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SCHEDULE A OR CONSTRUCTION
BUDGET ESTIMATE of SANCTIONED WORKS of the

Number of items	Sanctions.		Particulars.	Amount of estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
ENGINEERING DEPARTMENT.						
Bridge Work.						
1	G.O., No. 2601 R. G.O., No. 1271 R.	4th Nov. 1892. 5th Oct. 1893.	{ Strengthening existing girders and fixing new girders, &c., Cheyár bridge. Strengthening weak girders of the Hooga bridge in the 163rd mile, North-west line.	45,450	77,272	1,22,722
2	G.O., No. 2643 R. G.O., No. 1271 R.	7th Nov. 1892. 5th Oct. 1893.		12,898	18,007	30,905
3	G.O., No. 14 R.	9th Jan. "	Substituting stronger girders and new type of permanent-way for those at present on the Thootha bridge, South-west line.	5,686	45,614	51,300
4	G.O., No. 892 R.	18th May "	Protective works at 395th mile, South-west line.	12,133	..	12,133
5	C.E. No. 1026 .. M.O.M.	23rd Nov. 1892. 28th Sept. 1893.	{ Strengthening bridge at 395th mile, South-west line.	2,405	2,787	5,192
STATIONS AND BUILDINGS.						
Perambur Works.						
6	G.O., No. 2153 R.	18th Sept. 1891.	Bungalow for Assistant Locomotive Superintendent at Perambur Works.	6,842	4,164	11,006
Perambur.						
7	G.O., No. 129 R.	2nd Mar. 1894.	Church for the Company's employés and their families at Perambur.	5,040	2,500	7,540
Manur.						
8	G.O., No. 133 R. M.O.M.	20th Jan. 1893. 24th Aug. ...	{ Platform at Manur ..	2,867	1,199	5,066
Bangalore City.						
9	G.O., No. 2427 R.	12th Oct. 1892.	House for the traffic subordinates (Sandalakote buildings) at Bangalore City.	11,692	775	12,467
10	G.O., No. 1147 R.	26th Aug. 1893.	Thirty houses for subordinate staff at Bangalore City.	5,172	2,364	7,536
11	G.O., No. 81 R.	6th Feb. 1894.	Alterations and additions to station house, platform, &c., at Bangalore City.	83,891	69,439	1,43,330
Kolar Road.						
12	G.O., No. 1233 R.	19th Sept. 1893.	Alterations and additions to station-house at Kolar.	4,662	1,323	5,985
Jalarpet.						
13	G.O., No. 2374 R.	8th Oct. 1892.	Watering arrangements at Jalarpet ..	1,506	8,161	9,666
14	G.O., No. 46 R.	20th Jan. 1894.	Alterations and additions to the station-house at Jalarpet.	10,786	6,517	17,303
15	G.O., No. 2991 R.	12th Dec. 1892.	{ Third line goods-shed lay-by, goods sidewalk and loading bank at Jalarpet.	7,151	7,696	14,847
16	C.E. No. 1098 .. G.O., No. 1025 R.	14th .. 20th July 1893.		4,527	1,617	6,044
17	G.O., No. 1056 R.	27th ..	Two double bungalows for guards at Jalarpet.	5,878	2,382	8,260
Nagari.						
18	G.O., No. 18 R.	10th Jan. 1894.	Interlocking points and signals at Nagari.	114	7,254	7,368
Pōdanūr.						
19	G.O., No. 923 R.	3rd June 1893.	Third line, Nilgiri branch at Pōdanūr ..	2,065	3,693	5,758
20	G.O., No. 2166 R. M.O.M.	7th Sept. 1892. 27th July 1893.	{ Alterations and additions to sidings at Pōdanūr.	705	4,814	5,519
Palghat.						
21	G.O., No. 120 R.	29th Feb. 1894.	Alterations and additions to sidings at Palghat.	7,825	5,289	13,114
Shoranur.						
22	G.O., No. 1049 R.	25th July 1893.	Third line, &c., at Shoranur ..	3,216	2,922	6,138
Feroke.						
23	G.O., No. 1901 R. M.O.M.	6th Aug. 1892. 24th .. 1893.	{ Third line, &c., at Feroke ..	3,622	4,677	8,299

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WORKS—PART I.

MADRAS RAILWAY for the official year 1894-95.

Actual expenditure up to close of official year 1892-93.			Probable expenditure during 1893-94.			Budget estimate of expenditure for official year 1894-95.			Estimated expenditure in future years.	Remarks.
Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
6,853	49,799	56,652	33,670	32,400	66,070	..	..	..	..	
12	5,731	5,743	12,384	12,278	24,660	500	..	500	..	
5,423	33,376	38,799	263	12,238	12,501	..	..	..	..	
..	..	..	12,133	..	12,133	..	..	..	..	
126	2,786	2,912	2,279	1	2,280	..	..	..	..	
1,171	2,665	4,826	671	..	671	5,000	509	5,509	..	
..	..	..	2,000	1,500	3,500	2,040	1,000	4,040	..	
3,417	640	4,057	450	..	450	..	..	..	..	
411	430	841	11,343	981	12,326	..	..	..	..	
..	..	..	4,000	2,000	6,000	1,172	364	1,536	..	
..	..	..	..	..	..	83,891	69,439	1,43,330	..	
..	..	..	2,562	1,000	3,562	2,000	323	2,323	..	
97	6,804	6,901	1,418	1,742	3,160	10,786	6,617	17,303	..	
456	1,297	1,752	6,698	6,399	13,096	..	..	..	..	
..	..	..	2,827	1,300	4,027	1,700	817	2,017	..	
..	..	..	3,000	1,500	4,500	2,878	882	3,760	..	
..	..	..	..	..	..	114	7,254	7,368	..	
358	64	322	1,451	2,833	4,284	..	..	..	..	
..	..	..	..	4,760	4,760	..	..	..	..	
..	..	..	..	..	..	7,626	8,299	15,924	..	
..	..	..	3,216	2,922	6,138	..	..	..	..	
3,125	4,073	7,198	362	603	965	..	..	..	..	

Budget Estimate of Sanctioned Works of the

Number of items	Sanctions		Particulars.	Amount of estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			STATIONS AND BUILDINGS—cont.	Rs.	Rs.	Rs.
			Mettupalaiyam.			
24	G.O., No. 2675 R. C.E., No. 1062..	11th Nov. 1892. 5th Dec. "	Alterations and additions in connection with the junction of the Nilgiri Railway with the Madras Railway at Mettupalaiyam.	14,972	7,791	22,763
			Tiruttani.			
25	C.E. No. 888 ..	17th Nov. 1893.	Interlocking points and signals at Tiruttani.	64	9,804	9,868
			Veyagunta.			
26	G.O., No. 1203 R.	13th Sept. 1893.	Station-house, &c., at Veyagunta ..	3,936	1,761	5,696
			Rani-gunta.			
27	G.O., No. 1792 R. M.O.M. "	6th Aug. 1891. 29th June 1893.	Extension of engine-shed, &c., at Rani-gunta.	7,081	8,253	15,334
			Gooty.			
28	G.O., No. 775 R.	26th April 1893.	Institute at Gooty ..	9,130	6,598	14,728
29	G.O., No. 1456 R.	25th Dec. 1893.	A double guard's bungalow at Gooty ..	4,134	1,138	5,272
			Miscellaneous.			
20	G.O., No. 2073 R.	9th Sept. 1891.	Distant signals, South-west and North-west lines.	9,747	36,993	46,740
31	G.O., No. 3-A. B.	18th Jan. 1894.	Shed, &c., required for the introduction of Pintsch's system of gas lighting.	14,597	1,42,147	1,56,744
			Electric Telegraph.			
32	G.O., No. 798 R.	25th July 1889.	Revised estimate for the extension of the block system and the introduction of starting semaphores signals, &c., South-west and North-west lines, including additional stations.	64,943	1,01,818	1,66,761
33	G.O., No. 131 R.	1st Feb. "	Single needle instruments, batteries, &c., for trial or additional stations.	4,122	3,588	7,710
34	G.O., No. 3286 R.	14th Oct. 1891.	Introduction of block system between Madras and Arkonam. Sanctioned minor works as per schedule C.	2,873 79,190	2,392 63,092	5,265 1,42,282
			Total, Engineering Department ..	4,00,618	6,88,729	10,89,347
			LOCOMOTIVE DEPARTMENT.			
1	G.O., No. 2067 R.	23rd Aug. 1892.	Eight engines and tenders ..	6,800	2,33,960	2,39,760
			CARRIAGE AND WAGON DEPARTMENT.			
			<i>Furnishing additional screw couplings to vehicles.</i>			
1	G.O., No. 1515 R.	17th Oct. 1890.	Three thousand two hundred and thirty screw couplings.	15,376	23,384	38,760
2	G.O., No. 1515 R.	17th "	One thousand two hundred centre chains.	1,050	6,900	7,950
3	G.O., No. 148 R.	8th Mar. 1894	One-fifteen ton travelling crane ..	400	8,170	8,570
			One composite carriage ..	2,220	4,826	6,846
4	G.O., No. 148 R.	" "	Five third-class carriages ..	3,200	18,800	19,000
			Two brake vans ..	1,240	6,760	7,000
			Sanctioned minor works as per schedule C.	967	9,869	10,836
			Total, Carriage and Wagon Department.	24,442	72,509	96,952
			Total, Schedule A ..	4,50,861	9,65,198	13,96,059

* It was found more economical to forge a larger proportion of these chains during the last year, and the

Madras Railway for the official year 1894-95—cont.

Actual expenditure up to close of official year 1894-95.			Probable expenditure during 1894-95.			Budget estimate of expenditure for official year 1894-95.			Estimated expenditure in future years.	Remarks.
Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
10	..	10	14,982	7,791	22,773	..	..	..	..	
..	..	..	..	..	..	64	9,804	9,868	..	
..	..	..	2,000	1,000	3,000	1,935	741	2,676	..	
..	..	..	..	..	..	191	..	..	..	
6,889	7,753	14,642	191	..	..	..	..	..	..	
..	..	..	7,100	6,000	13,100	1,020	698	1,628	..	
..	..	..	..	..	..	4,134	1,138	5,272	..	
5,544	87,315	92,859	794	1,952	2,746	..	..	..	..	
..	..	..	..	..	..	14,597	1,42,147	1,56,744	..	
..	..	..	..	..	..	..	..	..	..	
86,822	94,032	1,80,854	3,457	2,814	6,271	4,664	4,972	9,636	..	
..	..	..	..	..	..	..	..	..	..	
1,060	1,342	2,392	435	370	805	2,627	1,876	4,503	..	Extension of date of lapse of sanction will be applied for. Sanction closed on 14th Oct. 1893.
1,934	2,062	3,996	939	330	1,269	..	..	..	..	
33,916	24,804	58,714	33,739	25,536	59,275	11,614	8,733	20,247	..	
1,27,507	2,78,963	4,03,470	1,64,344	1,30,138	2,94,482	1,59,281	2,54,911	4,14,192	..	
..	..	..	6,630	1,82,980	1,89,610	..	..	..	..	
..	..	..	..	..	..	..	..	..	..	
4,603	7,550	12,153	8,100	4,700	7,800	3,100	4,700	7,800	11,007	
324	1,783	2,107	335	3,580	2,915	210	1,380	1,590	1,338	
..	..	..	..	..	..	400	6,170	6,570	..	
..	..	..	..	..	..	2,220	4,826	6,846	..	
..	..	..	..	..	..	2,200	13,800	19,000	..	
..	..	..	..	..	..	1,240	6,760	7,000	..	
..	..	..	688	9,778	10,366	..	..	..	..	
..	..	..	..	..	..	..	..	..	..	
4,927	9,833	14,260	4,021	17,058	21,079	9,970	32,268	42,238	12,346	
1,32,434	2,85,298	4,17,732	1,74,995	3,30,176	5,05,171	1,59,251	2,87,177	4,46,428	12,346	

whole number will therefore now be probably completed at an earlier date than was originally estimated.

Number of items.	Motions.		Particulars.	Amount of estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			ENGINEERING DEPARTMENT.	RS.	RS.	RS.
			Stations and Buildings.			
			Ráyapuram.			
1	..	..	Sheds for export and import traffic at Ráyapuram.	16,666	8,334	25,000
			Veyanarpady.			
2	..	..	Houses for signallers and pointmen at Veyanarpady.	5,000	1,958	6,958
			Perambár Works.			
3	..	..	Upstairs accommodation from bungalows Nos. 6.1 to 6.6 at Perambár Works.	4,940	4,694	9,634
			Konnur.			
4	..	..	Sorting sidings at Konnur	7,644	4,037	11,681
			Arkoanam.			
5	..	..	Improvements and additions to the shunting yard at Arkoanam.	5,168	1,816	6,784
			Jalarpet.			
6	..	..	Houses for four European and East Indian drivers at Jalarpet.	6,322	2,758	9,080
7	..	..	Houses for five European and East Indian firemen at Jalarpet.	3,859	1,951	5,810
			Kolar Road.			
8	..	..	Alterations and additions consequent on the junction of Kolar Gold Field Railway with the Madras Railway.	46,864	26,658	73,522
			Whitefield (Watering Station).			
9	..	..	Water from nullah at 208½ miles ..	4,329	3,042	7,371
			Bangalore City.			
10	..	..	Carriage shed at Bangalore City	4,261	2,148	6,409
11	..	..	Crossing station at 186½ miles, South-west Line.	8,075	8,183	13,258
			Pódanúr.			
12	..	..	Two double blocks of bungalows for European and Eurasian drivers at Pódanúr.	6,322	2,758	9,080
13	..	..	Steam pump at Noyel river and water led into station by 6" piping at Pódanúr.	1,243	7,021	8,264
			Olavakkót.			
14	..	..	Additional line on west side of the yard turn-table and new coke shed to be on new line.	9,670	13,628	23,198
			Palghat.			
15	..	..	Station-house at Palghat	25,000	18,000	40,000
			Kallai.			
16	..	..	An additional dock, &c., at Kallai ..	8,351	7,768	16,119
			Calicut.			
17	..	..	Telegraph Inspector's bungalow and office at Calicut.	4,627	872	5,499
18	..	..	Siding proposed to be laid from Calicut station to the beach.	7,533	17,929	25,462
			Gooty.			
19	..	..	Two double blocks of bungalows for European and Eurasian drivers at Gooty.	8,998	2,816	11,814
			DALLAST AND PERMANENT WAY.			
20	..	..	Laying new permanent way over girder bridge.	29,022	45,978	75,000

MADRAS RAILWAY for the official year 1894-95.

[illegible]

Budget Estimate of Unsanctioned Works of the

Number of items.	Sanctions.		Particulars.	Amount of estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			MISCELLANEOUS.	Rs.	Rs.	Rs.
21	..	..	Four trial stations ..	6,844	1,808	8,652
22	..	..	Six houses for native stationmasters ..	3,414	2,602	6,016
23	..	..	Four platforms for trial stations ..	7,724	6,544	13,268
24	..	..	Twenty-five houses for subordinate staff ..	4,868	2,082	6,950
25	..	..	Two complete trial stations ..	9,236	6,374	15,610
26	..	..	Distant signals for six stations South-west and six stations North-west lines.	1,320	6,019	6,338
			ELECTRIC TELEGRAPH.			
27	..	..	Lighting of Arkonam station and yard by electricity.	8,760	14,240	18,000
			Unsanctioned minor works as per schedule C.	31,900	21,097	52,997
			Total, Engineering Department ..	2,79,960	2,37,710	5,17,670
			LOCOMOTIVE DEPARTMENT.			
1	..	..	Fitting automatic vacuum brake-gear to engines.	1,000	20,000	21,000
			CARRIAGE AND WAGON DEPARTMENT.			
1	..	..	Two composite carriages ..	4,422	9,284	13,706
2	..	..	Twenty-five third-class carriages ..	18,000	79,000	95,000
3	..	..	Two trolleys ..	1,240	6,760	7,000
4	..	..	Fitting automatic vacuum brake-gear to carriages.	1,260	29,000	30,260
			Total, Carriage and Wagon Department.	22,912	1,23,044	1,45,956
			Total, Schedule B. ..	3,08,872	3,80,754	6,89,626

SCHEDULE C OF CONSTRUCTION
BUDGET ESTIMATE of MINOR WORKS of the

Number of items.	Sanctions.		Particulars.	Amount of estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			SANCTIONED WORKS.	Rs.	Rs.	Rs.
			ENGINEERING DEPARTMENT.			
			Stations and Buildings.			
			Central Station.			
1	C.E. No. 145 ..	18th Feb. 1892.	Dispensary and Apothecary's quarters at Central Station.	2,559	1,681	4,140
2	C.E. No. 248 ..	17th Mar. ..	Steam pump at Central Station ..	47	1,490	1,537
			Mosur.			
3	C.E. No. 684 ..	17th Aug. 1892.	Platform at Mosur ..	1,221	1,335	2,556
			Arkonam.			
4	C.E. No. 604 ..	28th July 1892.	Guard's bungalow at Arkonam ..	3,261	587	3,848
5	M.O.M. ..	1st Dec. 1893.	Alterations and additions to signalers' bungalow at Arkonam.	851	571	1,422
6	C.E. No. 920 ..	25th Oct. 1892.	Depot siding at Arkonam ..	1,360	932	2,292
7	C.E. No. 1117 ..	19th Dec. ..	Building for manufacturing soda-water at Arkonam.	736	517	1,253

Madras Railway for the official year 1894-95—cont.

Actual expenditure up to close of official year 1892-93.			Probable expenditure during 1893-94.			Budget estimate of expenditure for official year 1894-95.			Estimated expenditure in future years.	Remarks.
Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
..	..	..	..	..	..	6,844	1,808	8,652	..	
..	..	..	..	..	..	3,414	2,602	6,016	..	
..	..	..	..	..	..	7,724	6,544	13,268	..	
..	..	..	..	..	..	4,868	2,082	6,950	..	
..	..	..	..	..	..	9,236	6,374	15,610	..	
..	..	..	..	..	..	1,320	6,019	6,338	..	
..	..	..	..	..	..	3,760	14,240	18,000	..	
..	..	..	..	..	..	27,188	20,297	47,485	5,512	
..	..	..	..	..	..	2,10,791	1,80,460	3,91,251	1,26,429	
..	..	..	..	..	..	1,000	20,000	21,000	..	
..	..	..	..	..	..	4,422	9,284	13,706	..	
..	..	..	..	..	..	18,000	79,000	95,000	..	
..	..	..	..	..	..	1,240	6,760	7,000	..	
..	..	..	..	..	..	1,260	29,000	30,260	..	
..	..	..	..	..	..	22,912	1,23,044	1,45,956	..	
..	..	..	..	..	..	2,34,703	3,23,424	5,58,127	1,26,429	

WORKS—PART III.

Madras Railway for the official year 1894-95.

Actual expenditure up to close of official year 1892-93.			Probable expenditure during 1893-94.			Budget estimate of expenditure for official year 1894-95.			Estimated expenditure in future years.	Remarks.
Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
..	..	..	..	..	..	..	..	..	..	
..	348	348	2,707	1,251	3,958	..	..	..	..	
..	1,490	1,490	47	..	47	..	..	..	..	
..	..	..	..	..	..	..	..	..	..	
..	395	1,200	1,695	826	136	961	..	..	..	
..	..	..	..	..	..	..	..	..	..	
..	2,648	628	3,176	613	..	613	..	..	..	
..	609	401	1,010	239	..	239	..	..	..	
..	45	..	45	876	2,161	..	..	..	..	
..	..	..	736	617	1,253	..	..	..	..	

Budget Estimate of Minor Works of the

Number of items.	Sanctions.		Particulars.	Amount of estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			• ENGINEERING DEPARTMENT—cont.	RS.	RS.	RS.
			Stations and Buildings—cont.			
			Arcot.			
8	C.E. No. 372 ..	26th April 1893.	Alterations and additions to station-house at Arcot.	713	1,368	2,081
			Katpadi.			
9	C.E. No. 727 ..	29th Aug. 1892.	Double bungalow for signallers at Katpadi.	1,998	861	2,859
			Vinnamangalam.			
10	C.E. No. 781 ..	6th Oct. 1893.	Platform at Vinnamangalam ..	1,741	1,335	3,076
			Kolar Road.			
11	C.E. No. 137 ..	15th Jan. 1894.	Enlarging the Locomotive well at Kolar Road.	2,430	..	2,430
			Bangalore City.			
12	C.E. No. 1020 ..	19th Nov. 1892.	Goods shed office at Bangalore City ..	825	347	1,172
			Jalarpet.			
13	C.E. No. 683 ..	17th Aug. 1892.	Shed for sheltering carriages at Jalarpet.	905	322	1,317
	M.O.M. ..	28th Sept. 1893.	Double bungalow for family guards at Jalarpet.	3,005	873	3,878
14	C.E. No. 726 ..	29th Aug. 1892.	Double bungalow for family guards at Jalarpet.	3,005	873	3,878
	M.O.M. ..	24th .. 1893.	Stand pipes and piping at Jalarpet ..	432	1,214	1,666
15	C.E. No. 940 ..	31st Oct. 1892.	Stand pipes and piping at Jalarpet ..	432	1,214	1,666
16	C.E. No. 813 ..	28th Sept. ..	Additions to Assistant Traffic Manager's office at Jalarpet.	959	497	1,456
	M.O.M. ..	24th Aug. 1893.	McDonald's Choultry.			
17	C.E. No. 278 ..	23rd Mar. 1893.	Shifting siding at McDonald's Choultry.	140	..	140
			Cauvery.			
18	C.E. No. 639 ..	29th Aug. 1893.	Station-house, &c., at Cauvery ..	2,642	1,406	3,948
			Erode.			
19	C.E. No. 634 ..	26th Sept. 1892.	Thirty-ton weigh bridge and office, &c., at Erode.	453	2,605	3,058
	M.O.M. ..	24th Aug. 1893.	Alterations and additions to sidings at Erode.	434	2,385	2,819
20	C.E. No. 224 ..	11th Mar. ..	Alterations and additions to sidings at Erode.	434	2,385	2,819
21	C.E. No. 821 ..	18th Oct. ..	New well at Erode ..	1,183	..	1,183
			Vizianagalam.			
22	C.E. No. 696 ..	19th Aug. 1892.	Goods godown and loading bank at Vizianagalam.	1,692	359	2,051
	M.O.M. ..	27th July 1893.	Uttukuli.			
23	C.E. No. 820 ..	18th Oct. 1893.	Raising and enlarging tank at Uttukuli.	630	859	1,489
			Tirupur.			
24	C.E. No. 374 ..	27th April 1893.	Alterations and additions to the existing siding at Tirupur.	1,502	1,544	3,046
	C.E. No. 479 ..	7th June ..	Podanur.			
25	C.E. No. 615 ..	1st Aug. 1892.	Guard's bungalow at Podanur ..	2,845	1,032	3,877
	M.O.M. ..	24th .. 1893.	Assistant Traffic Manager's office at Podanur.	2,460	1,504	3,964
26	C.E. No. 686 ..	17th .. 1892.	Double bungalow for guards at Podanur.	2,963	1,191	4,154
	M.O.M. ..	27th July 1893.	Olavakkote.			
27	C.E. No. 601 ..	21st	Alterations and additions to signaller's bungalow at Olavakkote.	915	464	1,379
28	C.E. No. 460 ..	16th June 1892.	Palghat.			
	M.O.M. ..	24th Aug. 1893.	Goods shed and extension of sidings at Palghat.	747	1,338	2,085
29	G.O. No. 917 R.	8th April 1892.	Thirty-ton weigh bridge, &c., at Palghat.	1,122	3,671	4,793
30	C.E. No. 461 ..	16th June 1892.	Approach road to goods shed at Palghat.	1,082	..	1,082
	M.O.M. ..	28th Sept. 1893.	Eddakolam.			
31	C.E. No. 592 ..	26th July 1892.	Station-house at Eddakolam ..	1,319	737	2,056
32	C.E. No. 688 ..	17th Aug. 1892.	Feroke.			
	M.O.M. ..	8th .. 1893.	Alteration of sidings at Ferroke	787	827	1,614
33	C.E. No. 316 ..	10th April 1893.				

* Note.—Stores, amounting to Rs. 1,673, will be recovered from other Capital

Madras Railway for the official year 1894-95—cont.

Actual expenditure up to close of official year 1892-93.			Probable expenditure during 1893-94.			Budget estimate of expenditure for official year 1894-95.			Estimated expenditure in future years.	Remarks.
Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.		
RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
..	..	..	713	1,368	2,081	..	..	..	..	
1,656	689	2,345	603	..	603	..	..	..	..	
..	..	..	1,000	1,000	2,000	741	336	1,076	..	
..	..	..	..	..	..	2,430	..	2,430	..	
611	434	945	217	..	217	..	..	..	..	
779	264	1,043	245	88	333	..	..	..	..	
2,938	864	3,802	68	7	75	..	..	..	..	
1	71	72	370	1,114	1,484	..	..	..	..	
906	481	1,387	63	..	63	..	..	..	..	
..	..	..	140	..	140	..	..	..	..	
..	..	..	1,000	1,200	2,200	1,842	206	1,748	..	
310	2,605	2,915	148	..	148	..	..	..	..	
..	42	42	270	1,889	2,159	..	..	..	..	
..	..	..	600	..	600	583	..	583	..	
1,320	121	1,441	310	238	548	..	..	..	..	
..	..	..	339	559	898	307	300	600	..	
..	..	..	1,373	..	1,373	..	..	..	..	
2,826	972	3,797	10	59	69	..	..	..	..	
2,260	1,390	3,650	205	113	318	..	..	..	..	
..	..	..	2,000	1,000	3,000	963	191	1,154	..	
813	346	1,159	..	117	117	..	..	..	..	
479	1,219	1,698	268	119	387	..	..	..	..	
634	2,579	3,213	488	1,092	1,580	..	..	..	..	
640	..	640	640	..	640	..	..	..	..	
1,307	598	1,905	11	106	117	..	..	..	..	
..	..	..	1,005	674	1,679	..	..	..	..	

works, and the net expenditure will be Rs. 1,373 Capital and Rs. 214 Revenue.

Budget Estimate of Minor Works of the

Number of items.	Sanctions.		Particulars.	Amount of estimate.			
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.	
			ENGINEERING DEPARTMENT—cont.	rs.	rs.	rs.	
			Stations and Buildings—cont.				
			Coimbatore.				
34	C.E. No. 483 ..	8th June 1893.	Lay-by, &c., at Coimbatore ..	634	1,848	2,482	
35	C.E. No. 823 ..	12th Mar. 1894.	Raising the line at 320-10-B miles, Nilgiri branch.	1,282	..	1,282	
			Ponpadi.				
36	C.E. No. 606 ..	22nd July 1893.	Platform at Ponpadi ..	1,024	1,335	2,359	
			Vepagunta.				
37	C.E. No. 606 ..	8th July 1891.	Platform and lay-by at Vepagunta ..	1,372	3,036	4,408	
			Pudi.				
38	C.E. No. 451 ..	29th May 1893.	Complete interlocking of all points and signals and working the same by one man from the platform without pointman at Pudi.	330	1,631	1,961	
			Puttur.				
39	C.E. No. 98 ..	11th Jan. 1894.	Interlocking the points and signals at Puttur.	111	3,057	3,168	
			Rénigunta.				
40	G.O. No. 1556 B.	21st June 1892.	} Double guards bungalow at Rénigunta.. } One block of four bungalows for European and Eurasian firemen at Rénigunta. } Six houses for subordinate staff at Rénigunta.	2,128	407	2,535	
	M.O.M. ..	27th Feb. 1894.					
41	C.E. No. 614 ..	1st Aug. 1892.			3,401	1,104	4,506
	M.O.M. ..	27th Feb. 1894.					
42	C.E. No. 831 ..	26th Sept. 1892.		949	329	1,278	
	M.O.M. ..	24th Aug. 1893.					
			Mamandur.				
43	C.E. No. 451 ..	29th May 1893.	Points to be worked and locked, &c., locally by pointmen, signals to be worked and controlled by station master who also detects and locks points.	278	1,201	1,477	
			Kodur.				
44	C.E. No. 792 ..	7th Oct. 1893..	Four houses for subordinate staff for Traffic Department at Kodur.	779	333	1,112	
			Rájampéta.				
45	C.E. No. 868 ..	6th Oct. 1892.	} Six houses for subordinate staff at Rájampéta.	1,002	269	1,271	
	M.O.M. ..	28th Sept. 1893.					
			Siddhavattam.				
46	C.E. No. 342..	3rd May 1892.	} Extension of platform and through siding at Siddhavattam.	1,707	1,812	3,219	
	M.O.M. ..	24th Aug. 1893.					
			Cuddapah.				
47	C.E. No. 868..	6th Oct. 1892 ..	} Six houses for subordinate staff at Cuddapah.	1,123	165	1,288	
	M.O.M. ..	28th Sept. 1893..					
48	C.E. No. 630 ..	21st June ..	Eight houses for subordinate staff (Traffic Department) at Cuddapah.	1,416	637	2,053	
			Gangayapalli.				
49	C.E. No. 687..	17th Aug. 1892.	} Station-house at Gangayapalli ..	1,291	802	2,093	
	M.O.M. ..	24th .. 1893.					
			Terragudipad.				
50	C.E. No. 822..	18th Oct. 1893..	Platform at Terragudipad ..	950	1,125	2,075	
			Gooty.				
51	C.E. No. 832..	26th Sept. 1892.	} Eight houses for native firemen at Gooty.	2,471	239	2,710	
	M.O.M. ..	27th June 1893.					
52	C.E. No. 603..	28th July 1892.	} Block of four houses for drivers at Gooty.	2,308	457	2,765	
	M.O.M. ..	28th Sept. 1893.					
			Guntakal.				
53	C.E. No. 816..	17th Oct. 1893..	Native signaller's bungalow at Guntakal..	2,620	610	3,230	
			Raichur.				
54	C.E. No. 813 ..	9th Mar. 1894.	} A new engine turn-table at Raichur .. } New coal siding at Raichur .. } Enlargement of locomotive well at Raichur.	793	2,024	2,817	
	C.E. No. 941 ..	31st Oct. 1893..			930	1,628	2,558
55	M.O.M. ..	24th Aug. ..			2,207	1,369	3,576
	C.E. No. 947 ..	1st Nov. 1892..					
	M.O.M. ..	28th Sept. ..					

Madras Railway for the official year 1894-95—cont.

Actual expenditure up to close of official year 1894-95.			Probable expenditure during 1893-94.			Budget estimate of expenditure for official year 1894-95.			Estimated expenditure in future years.	Remarks.
Cash outlay in India.	Value of Stores.	Total.	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
..	..	..	634	1,848	2,482	1,282	..	1,282	..	
..	..	..	1,024	1,335	2,359	..	..	..	..	
864	636	1,500	959	1,322	2,281	..	..	..	..	
..	..	..	330	1,631	1,961	..	..	..	..	
..	..	..	..	..	..	111	3,057	3,168	..	
121	148	269	2,007	169	2,176	..	..	..	..	
1,444	679	2,123	1,956	59	2,015	..	..	..	..	
691	329	1,020	258	..	258	..	..	..	..	
..	..	..	278	1,201	1,477	..	..	..	..	
..	..	..	500	300	800	279	33	312	..	
..	..	..	388	..	388	..	..	..	..	
614	251	865	..	..	..	..	..	..	..	
1,199	1,611	2,710	4	..	4	..	..	..	..	
687	167	744	536	8	544	..	..	..	..	
..	..	..	1,416	627	2,053	..	..	..	..	
1,053	724	1,782	233	..	233	..	..	..	..	
..	..	..	500	600	1,100	450	625	975	..	
2,090	239	2,329	381	..	381	..	..	..	..	
2,019	457	2,476	289	..	289	..	..	..	..	
..	..	..	1,020	400	1,420	1,600	210	1,810	..	
..	..	..	..	..	..	793	3,024	3,817	..	
..	..	..	..	130	130	..	..	..	..	
930	1,710	2,640	..	811	2,691	..	..	..	..	
327	752	1,079	1,880	..	..	..	..	..	..	

Budget Estimate of Minor Works of the

Number of items.	Sanctions.		Particulars.	Amount of estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			ENGINEERING DEPARTMENT—cont.	Rs.	Rs.	Rs.
			<i>Stations and Buildings—cont.</i>			
			<i>Raichur—cont.</i>			
57	C.E. No. 1089 ..	12th Dec. 1892.	Alteration and addition of sidings between station-house and engine-shed at Raichur.	683	2,150	2,833
			<i>Electric Telegraph.</i>			
58	C.E. No. 881 ..	12th July 1893..	Plant for soda-water manufacture at Arkonam.	440	852	1,292
			Total, Engineering Department, carried to schedule A.	79,190	63,092	1,42,282
			CARRIAGE AND WAGON DEPARTMENT.			
1	C.E. No. 151 ..	20th Feb. 1893.	Fitting automatic vacuum brake gear ..	126	4,543	4,668
2	C.E. No. 702 ..	6th Sept. "	Two tank wagons for carrying kerosene-oil.	820	3,280	4,100
3	C.E. No. 793 ..	7th Oct. "	One new forging machine ..	12	2,046	2,058
			Total, Carriage and Wagon Department, carried to schedule A.	957	9,869	10,826
			Total, Sanctioned minor works ..	80,147	72,961	1,53,108
			UNSANCTIONED WORKS.			
			ENGINEERING DEPARTMENT.			
			<i>Stations and Buildings.</i>			
			<i>Kayapuram.</i>			
1	..	..	Alteration of sidings and signals and also grouping and interlocking points with signals at Kayapuram.	826	2,725	3,551
2	..	..	Supply of Red Hills water to engines at Kayapuram.	343	2,264	2,607
			<i>Central Station.</i>			
3	..	..	Shed for making gas at Central Station ..	2,128	867	2,995
			<i>Manar.</i>			
4	..	..	Platform on down line at Manar ..	1,583	1,335	2,918
			<i>Jalarpet.</i>			
5	..	..	House for engine-driver and store-room at pumping station at Jalarpet.	930	184	1,114
6	..	..	Ten huts for native firemen and artisans at Jalarpet.	2,264	758	3,022
			<i>Bangalore City.</i>			
7	..	..	Carriage Examiner's bungalow at Bangalore City.	2,624	662	3,286
			<i>Kadiampati.</i>			
8	..	..	Goods godown at Kadiampati ..	333	1,078	1,411
			<i>Podanur.</i>			
9	..	..	Removal of 4th Division South-West line workshop from Calicut to Podanur.	1,000	800	1,800
10	..	..	Emergency stock shed and lay-by at Podanur.	479	918	1,397
			<i>Peroth.</i>			
11	..	..	Two extra godowns for merchants at Peroth.	1,654	685	2,339
			<i>Rénigunta.</i>			
12	..	..	Ten houses for native firemen at Réni-gunta.	2,720	550	3,300
13	..	..	Extension of transhipping shed at Réni-gunta.	784	1,928	2,712
14	..	..	Watering arrangements to be improved at Thoochoo at Renigunta.	2,052	..	2,052
			<i>Gooty.</i>			
15	..	..	Large latrine instead of the small one at north end of platform at Gooty.	865	244	1,109
			<i>Raichur.</i>			
16	..	..	Removal of overbridge at Raichur ..	1,139	688	1,827
17	..	..	Addition to goods shed at Raichur ..	2,802	210	3,012

Madras Railway for the official year 1894-95—cont.

Actual expenditure up to close of official year 1892-93.			Probable expenditure during 1893-94.			Budget estimate of expenditure for official year 1894-95.			Estimated expenditure in future years.	Remarks.
Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
..	669	669	721	1,693	2,314	..	..	..	..	
..	..	..	..	..	..	440	852	1,292	..	
33,910	24,804	58,714	33,739	25,636	59,375	11,614	8,733	20,347	..	
..	..	..	70	4,140	4,210	..	..	..	..	
..	..	..	504	3,692	4,096	..	..	..	..	
..	..	..	12	2,046	2,058	..	..	..	..	
..	..	..	686	9,778	10,364	..	..	..	..	
33,910	24,804	58,714	34,325	35,314	69,639	11,614	8,733	20,347	..	
..	..	..	..	..	..	826	2,725	3,551	..	
..	..	..	..	..	..	843	2,264	2,697	..	
..	..	..	..	..	..	2,128	867	2,995	..	
..	..	..	..	..	..	1,583	1,335	2,918	..	
..	..	..	..	..	..	930	184	1,114	..	
..	..	..	..	..	..	2,264	758	3,022	..	
..	..	..	..	..	..	2,624	662	3,286	..	
..	..	..	..	..	..	333	1,078	1,411	..	
..	..	..	..	..	..	..	..	..	1,800	
..	..	..	..	..	..	479	918	1,397	..	
..	..	..	..	..	..	1,654	685	2,339	..	
..	..	..	..	..	..	290	680	870	2,430	
..	..	..	..	..	..	784	1,928	2,712	..	
..	..	..	..	..	..	1,770	..	1,770	1,282	
..	..	..	..	..	..	865	244	1,109	..	
..	..	..	..	..	..	1,139	688	1,827	..	
..	..	..	..	..	..	2,802	210	3,012	..	

SCHEDULE D ON CONSTRUCTION WORKS—PART IV.

BUDGET ESTIMATE of EMERGENT WORKS of the MADRAS RAILWAY for the official year 1894-95—Nil.

SCHEDULE E.

BUDGET ESTIMATE of EXPENDITURE for PURCHASE of STORES for the MADRAS RAILWAY during 1894-95.

Detail.	ACTUAL PURCHASES DURING 1892-93.		PROBABLE PURCHASES DURING 1893-94.		ESTIMATED PURCHASES DURING 1894-95.	
	Quantity.	Amount.	Quantity.	Amount.	Quantity.	Amount.
<i>In India.</i>						
Firewood Tons.	80,537	3,80,377	93,000	4,65,000	90,000	4,50,000
Oil of sorts lbs.	93,379	1,65,630	46,000	1,61,900	..	1,47,000
Cotton, waste, &c. Tons.	2,293	6,679	..	6,000	46,000	6,000
Timber of all kinds lbs.	2,293	1,89,976	..	1,68,350	..	1,65,000
Tallow, country lbs.	6,971	1,180	2,000	450	2,500	850
Coal, Indian Tons.	21,208	8,05,600	23,000	2,46,000	24,000	2,00,000
Wooden sleepers	..	..	..	20,000	..	20,000
Do. keys	..	..	..	14,000	..	14,000
Materials for tarpaulins	..	..	..	16,000	..	7,600
Manufacture of stores	..	1,32,624	..	1,70,420	..	1,56,200
Freight and landing charges	..	34,306	..	60,000	..	80,000
Sundry stores	..	1,65,501	..	1,08,713	..	1,30,740
Total	..	13,81,673	..	18,24,833	..	14,76,990
<i>In England.</i>						
Coal, coke and patent fuel Tons.	607	9,719	..	..	1,000	28,000
Brass and copper pipes, tubes, &c.	60	38,855	..	21,656	..	30,000
Iron and steel plates and bars	634	65,936	..	19,974	..	10,000
Materials for renewals of rolling-stock, chiefly iron works	14	4,781	..	27,194	..	30,000
Tyres, engines and carriages Tons.	..	5,572	110	4,431	106	6,500
Machinery	..	32,447	..	2,138	..	15,000
Axles, crank No.	8	4,778	25	15,904	25	15,000
Do. carriages	..	..	..	..	100	3,000
Locomotives	..	..	..	1,80,224	..	75,000
Iron under frames for carriages No.	..	..	..	..	60	80,000
Plant for making gas and fittings for lighting	..	..	..	..	..	1,63,304
Automatic vacuum brake fittings	..	..	13	4,543	70	49,000
Permanent-way materials Tons.	402	48,391	..	2,39,000	..	1,60,000
Girders and iron cylinders	343	46,836	..	60,000	..	19,000
Telegraph stores	..	3,948	..	628	..	2,700
Materials for tarpaulins	..	6,450	..	11,000	..	8,600
Sundry stores	..	3,13,164	..	1,37,035	..	1,80,305
Total	..	6,74,866	..	7,23,727	..	8,06,909
Total, Schedule E	..	19,56,539	..	22,48,560	..	22,83,899

MEMORANDUM.

	RS.
Actual balance of stores on hand, 1st April 1893	29,14,662
Estimated purchases during 1893-94 as above	22,48,560
Total	51,63,222
Estimated issues during 1893-94	22,30,176
Estimated balances on 1st April 1894	29,33,046
Estimated purchases during 1894-95	22,83,899
Total	52,16,945
Estimated issues during 1894-95	26,10,671
Estimated balances on 1st April 1895	26,06,274

ENGLISH TRANSACTIONS.

	Budget estimate, 1894-95.
	RS.
Indents to be sent home during the year	9,69,670
Add for indents of previous year expected to be complied with in official year	3,16,178
Add English establishment charges	1,09,091
Total	13,94,939
Deduct amount of orders not expected to be complied with until next year	4,78,939
Net Capital cash transactions in England	9,16,000

SCHEDULE F.

ESTIMATE of TRAFFIC RECEIPTS of the MADRAS RAILWAY, 1894-95.

Number of miles open for traffic on 1st April 1893	840
Expected to be opened during 1893-94	..
Total on 1st April 1894	840
Expected to be opened during 1894-95	840
Total likely to be opened at end of 1894-95	840
Average number of miles expected to be opened during the whole of 1894-95	840

	Actuals in 1892-93.	Sanctioned budget estimate, 1893-94.	Revised estimate, 1893-94.	Budget estimate, 1894-95.
	RS.	RS.	RS.	RS.
Coaching traffic	38,50,131	38,60,000	39,00,000	40,00,000
Goods do.	58,43,432	57,10,000	61,10,000	65,00,000
Electric telegraph earnings	18,933	20,000	17,000	20,000
Sundries	1,57,281	1,60,000	2,23,000	1,60,000
Total	98,69,777	97,50,000	1,02,50,000	1,06,80,000
Train mileage	25,35,755	24,72,000	26,40,000	26,40,000

SCHEDULE G.

ESTIMATE OF REVENUE EXPENDITURE on the MADRAS RAILWAY for the official year 1894-95.

	Actuals in 1892-93.	Sanctioned budget estimate, 1893-94.	Revised estimate, 1893-94.	Budget estimate, 1894-95.
<i>Maintenance of Way, Works and Stations.</i>				
1. General superintendence ...	Rs.	Rs.	Rs.	Rs.
2. Maintenance and renewal of permanent way ...	2,66,780	2,60,000	2,80,000	2,70,000
3. Repairs of bridges, &c., wages and materials ...	6,31,338	7,00,000	3,75,000	5,15,000
3-A. Conservancy of rivers ...	2,36,639	2,00,000	1,00,000	1,50,000
4. Repairs of stations and buildings, wages and materials ...	...	...	...	...
5. Maintenance by contract ...	1,75,726	1,80,000	1,71,000	1,80,000
6. New minor works ...	22,635	20,000	24,000	25,000
7. Unclassified expenditure ...	2,47,486	2,10,000	1,60,000	2,00,000
Total ...	15,80,604	15,70,000	11,10,000	13,40,000
Deduct—value of stores returned to stock ...	Rs. 1,40,152			
Sum chargeable to Fire Insurance Fund ...	2,039			
Total ...	1,42,191	1,20,000	...	...
Total ...	14,38,413	14,50,000	11,10,000	13,40,000
<i>Locomotive Expenses.</i>				
1. General superintendence ...	1,16,350	1,10,000	1,25,000	1,25,000
2. Running expenses (wages connected with the working of locomotive engines) ...	3,66,672	3,70,000	3,77,000	3,70,000
3. Fuel ...	6,75,141	7,10,000	7,50,000	7,15,000
4. Water (including wages and stores) ...	27,611	26,000	27,000	28,000
5. Oil, tallow and other stores (expended on engines in work) ...	43,931	45,000	45,000	45,000
6. Maintenance and renewals of locomotive engines ...	4,20,259	4,40,000	5,20,000	4,25,000
6-A. Maintenance and renewals of machinery, tools and plant ...	1,03,514	1,00,000	54,000	50,000
7. New minor works ...	...	2,500	2,000	2,000
8. Payments to other lines ...	1,20,489	1,46,500	2,00,000	1,65,000
9. Unclassified expenditure ...	...	...	...	...
Total ...	18,73,967	19,50,000	21,00,000	19,25,000
<i>Carriage and Wagon Expenses.</i>				
1. General superintendence ...	28,685	36,000	37,000	37,000
2. Repairs and renewals of vehicles ...	2,79,834	2,70,500	3,75,000	4,30,000
2-A. Do. do. of machinery, tools and plant ...	60,542	65,000	25,000	60,000
3. Cleaning carriages and wagons and oiling ...	63,731	70,000	66,000	62,000
4. New minor works ...	39,082	50,000	2,000	2,000
5. Unclassified expenditure ...	...	55,000	...	49,000
Total ...	4,71,854	5,00,000	5,60,000	6,40,000
Deduct—sum chargeable to Fire Insurance Fund ...	2,860	...	...	...
Total ...	4,68,994	5,00,000	5,60,000	6,40,000

Estimate of Revenue Expenditure on the Madras Railway for the official year 1894-95—cont.

	Actuals in 1892-93.	Sanctioned budget estimate, 1893-94.	Revised estimate, 1893-94.	Budget estimate, 1894-95.
<i>Traffic Expenses.</i>				
1. Salaries, wages, &c. ...	Rs. 6,03,838	Rs. 6,20,000	Rs. 6,24,000	Rs. 6,20,000
2. Fuel, lighting, water and general stores ...	1,00,132	1,10,000	1,40,000	1,22,000
3. Clothing ...	11,045	9,000	11,500	10,500
4. Printing, stationery and tickets ...	77,624	72,000	82,000	75,000
5. Charges for delivery and collection of goods, &c. ...	2,473	2,000	2,500	2,000
6. Miscellaneous expenses ...	6,029	6,000	8,000	6,000
7. Payments to other lines ...	10,030	...	12,000	10,000
8. Unclassified expenditure ...	34,347	21,000	50,000	31,000
Total ...	8,45,518	8,40,000	9,30,000	8,76,500
Deduct—value of stores returned to stock ...	Rs. 782			
Sum chargeable to Fire Insurance Fund ...	339			
Total ...	1,121	...	...	...
Total ...	8,44,397	8,40,000	9,30,000	8,76,500
<i>General Charges.</i>				
1. Home expenditure ...	66,384	68,000	81,000	70,000
2. Salaries of Indian management including offices ...	2,53,890	2,60,000	2,78,800	2,71,260
3. Police ...	38,108	33,000	39,000	39,000
4. Advertising (all advertisements of all departments) ...	4,562	4,000	4,900	5,000
5. Electric telegraph ...	1,33,697	1,42,000	1,45,300	1,58,240
6. Clearing accounts with other lines ...	42,244	45,000	57,000	50,000
7. Unclassified expenditure ...	...	...	...	...
Total ...	5,38,925	5,58,000	6,06,000	5,93,500
Deduct—sum chargeable to Fire Insurance Fund ...	5,657	6,000	6,000	4,000
Total ...	5,33,268	5,52,000	6,00,000	5,89,500
<i>Special and Miscellaneous Expenditure.</i>				
1. Law charges ...	870	2,400	2,000	3,000
2. Compensation ...	8,292	4,000	4,000	7,000
3. Rates and taxes (including Municipal water-rates) ...	20,107	16,000	20,000	22,000
4. Payments to other lines ...	28,233	25,000	10,000	50,000
5. Prizes for station gardens, &c. ...	837	600	900	1,000
6. Contributions to Railway Provident Institution ...	39,970	40,000	43,000	46,000
7. Miscellaneous ...	16,299	20,000	20,100	20,000
Total ...	1,14,608	1,08,000	1,00,000	1,29,000
Deduct—sum chargeable to Fire Insurance Fund ...	4,726	...	...	...
Total ...	1,09,882	1,08,000	1,00,000	1,29,000

MADRAS, 16th April 1893. (Signed) F. DUNSTERVILLE, Chief Auditor. (Signed) L. S. MOSS, Agent and Manager.

1st May 1894, No. 278 R., PUBLIC WORKS.

PUBLIC WORKS DEPARTMENT.

Railway.

LETTER—from

F. R. UPCOTT, Esq.,
*Joint Secretary to the Government of Madras,
Public Works Department,
Railway Branch,*

To

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

SIR,

With reference to paragraph 7 of the Government of India Resolution No. ¹B.U. A.R., dated 22nd March 1894, I am directed to forward, herewith, the final issue of the Capital and Revenue revised and budget estimates, Madras Railway, for the years 1893-94 and 1894-95, and to state that the estimates have been prepared for the amounts accepted by the Government of India.

I have the honour to be,

Sir,

Your most obedient servant,

(Signed) F. R. UPCOTT,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

Ootacamund,
1st May 1894.

Ed. C. A. Munimawmy.
Spare Copies

RAILWAY.

Govt. of {1894} Madras.
PUBLIC WORKS.

Dated May, 1st.

Recd.

Encl.

1st May 1894, No. 278 R.

MAY.

Madras Railway

Forwarding the final issue of the Capital
and Revenue revised and budget estimates
of the — for 1893-94 and 1894-95.

80 Nos - 277-78 R

FINAL ISSUE.

BUDGET ESTIMATE

OF THE

MADRAS RAILWAY

FOR THE YEAR

1894-95.

CAPITAL ACCOUNT.

ABSTRACT of the ESTIMATED CASH EXPENDITURE on the MADRAS RAILWAY for the official year 1894-95.

Particulars.	Actuals for 1892-93.	Budget estimate for 1893-94.	Revised estimate for 1893-94.	Budget estimate for 1894-95.
INDIA.	RS.	RS.	RS.	RS.
CAPITAL OUTLAY.				
<i>Engineering Department.</i>				
Sanctioned works as per schedule A		87,853	1,64,344	1,59,281
Works to be sanctioned do. B		2,78,677		2,10,791
Emergent works do. D				
<i>Locomotive Department.</i>				
Sanctioned works as per schedule A		5,800	6,630	
Works to be sanctioned do. B	2,83,428			1,000
<i>Carriage and Wagon Department.</i>				
Sanctioned works as per schedule A		3,435	4,021	9,970
Works to be sanctioned do. B		4,422		22,912
<i>General.</i>				
Establishment				
Stores as per schedule E	13,81,673	15,14,813	15,24,833	14,78,990
Miscellaneous	19,115	5,000	6,000	5,000
Suspense Miscellaneous			40,172	34,058
Increase or decrease of balance of Capital Advance Account			20,000	20,000
Total withdrawals on Capital Account	16,84,216	19,00,000	17,25,000	19,00,000
<i>Receipts to be credited to Capital Account.</i>				
Share capital paid in India	18,81,579	20,00,000	19,00,000	20,00,000
Refunds for stores sold to Revenue, &c.				
Other refunds—				
Home expenditure, &c.	2,47,282	3,50,000	2,00,000	2,00,000
Total Payments on Capital Account	21,28,861	23,50,000	21,00,000	22,00,000
Net cash demand in India on Capital Account	4,44,645	4,50,000	3,75,000	3,00,000
ENGLAND.				
<i>Purchase of Stores.</i>				
Indents to be sent home during the year		10,90,123	5,55,278	9,69,870
Previous indents to be complied with		6,22,000	4,84,627	3,16,178
Total		17,12,123	10,39,905	12,85,848
Deduct for indents estimated to be complied with in the following year		3,47,123	3,16,178	4,78,939
Total Outlay for Stores	5,74,866	13,65,000	7,23,727	8,06,909
<i>Home Expenditure and Payments.</i>				
Home expenditure		70,000	82,909	70,909
Furlough and sick leave allowances	1,18,160	30,000	12,000	9,513
Family and sundry payments less receipts		40,000	28,364	28,364
Total, Home Expenditure and Payments	1,18,160	1,40,000	1,23,273	1,09,091
Total, Cash Demand in England	6,93,026	15,05,000	8,47,000	9,16,000

REVENUE ACCOUNT.

ABSTRACT of ESTIMATED REVENUE RECEIPTS and EXPENDITURE of the MADRAS RAILWAY for the official year 1894-95.

Particulars.	Actuals for 1892-93.	Budget estimate for 1893-94.	Revised estimate for 1893-94.	Budget estimate for 1894-95.
	RS.	RS.	RS.	RS.
RECEIPTS AS PER SCHEDULE F.				
Coaching traffic	38,50,131	38,60,000	39,00,000	40,00,000
Goods do.	58,43,432	57,10,000	61,10,000	65,00,000
Electric Telegraph earnings	18,933	20,000	17,000	20,000
Sundries	1,57,281	1,60,000	2,23,000	1,60,000
Total (1)	98,69,777	97,50,000	1,02,50,000	1,08,80,000
Receipts on account of traffic appertaining to other lines				
Receipts from Capital Account other than traffic earnings	8,80,884	9,00,000	13,00,000	9,00,000
Receipts from foreign lines other than traffic earnings				
Other abnormal receipts in detail or as per schedule attached				
Total Payments into Treasury on Revenue Account (2)	1,07,50,661	1,06,50,000	1,15,50,000	1,15,80,000
EXPENDITURE AS PER SCHEDULE G.				
Maintenance of way, works and stations	14,38,413	14,50,000	11,10,000	13,40,000
Locomotive expenses	18,73,967	19,50,000	21,00,000	19,25,000
Carriage and wagon expenses	4,68,394	5,00,000	5,60,000	6,40,000
Traffic expenses	8,44,397	8,40,000	9,30,000	8,78,500
General charges	5,33,268	5,52,000	6,00,000	5,89,500
Special and miscellaneous expenditure	1,09,882	1,08,000	1,00,000	1,29,000
Total (3)	52,68,921	54,00,000	54,00,000	55,00,000
Payments to other lines for their proportion of through traffic, &c.	9,58,566	9,00,000	9,50,000	9,00,000
Payments to Capital Account other than for stores, &c., included in the working expenses in schedule G				
Other abnormal payments in detail or as per schedule attached				
Total withdrawals from Treasury on Revenue Account (4)	62,27,487	63,00,000	63,50,000	64,00,000
Net earnings (1)—(3)	46,00,856	43,50,000	48,50,000	51,80,000
Net receipts (2)—(4)	45,23,174	43,50,000	52,00,000	51,80,000
Surplus profits				

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SCHEDULE A OR CONSTRUCTION
BUDGET ESTIMATE of SANCTIONED WORKS of the

Number of items.	Sanctions.		Particulars.	Amount of estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
ENGINEERING DEPARTMENT.						
Bridge Work.						
1	G.O., No. 2801 R.	4th Nov. 1892.	Strengthening existing girders and fixing new girders, &c., Cheyár bridge.	45,450	77,272	1,22,722
	G.O., No. 1271 R.	5th Oct. 1893.				
2	G.O., No. 2613 R.	7th Nov. 1892.	Strengthening weak girders of the Hooga bridge in the 163rd mile, North-west line.	12,896	18,007	30,903
	G.O., No. 1271 R.	5th Oct. 1893.				
3	G.O., No. 14 R.	9th Jan. "	Substituting stronger girders and new type of permanent-way for those at present on the Thootha bridge, South-west line.	5,686	45,614	51,300
4	G.O., No. 892 R.	18th May "	Protective works at 395th mile, South-west line.	12,133	..	12,133
5	C.E. No. 1026 ..	23rd Nov. 1892.	Strengthening bridge at 395th mile, South-west line.	2,405	2,787	5,192
	M.O.M. ..	28th Sept. 1893.				
STATIONS AND BUILDINGS.						
Perambur Works.						
6	G.O., No. 2153 R.	18th Sept. 1891.	Bungalow for Assistant Locomotive Superintendent at Perambur Works.	6,842	4,164	11,006
Pyrambur.						
7	G.O., No. 129 R.	2nd Mar. 1894.	Church for the Company's employes and their families at Perambur.	6,040	2,500	7,540
Manur.						
8	G.O., No. 133 R.	20th Jan. 1893.	Platform at Manur ..	3,867	1,199	5,066
	M.O.M. ..	24th Aug. "				
Bangalore City.						
9	G.O., No. 2427 R.	12th Oct. 1893.	House for the traffic subordinates (Sandal-kute buildings) at Bangalore City.	11,692	775	12,467
10	G.O., No. 1147 R.	26th Aug. 1893.	Thirty houses for subordinate staff at Bangalore City.	5,172	2,364	7,536
11	G.O., No. 81 R.	6th Feb. 1894.	Alterations and additions to station house, platform, &c., at Bangalore City.	83,891	59,439	1,43,330
Kolar Road.						
12	G.O., No. 1233 R.	19th Sept. 1893.	Alterations and additions to station-house at Kolar.	4,662	1,323	5,985
Jalarpet.						
13	G.O., No. 2374 R.	6th Oct. 1892.	Watering arrangements at Jalarpet ..	1,505	8,161	9,666
14	G.O., No. 45 R.	20th Jan. 1894.	Alterations and additions to the station-house at Jalarpet.	10,786	6,617	17,303
15	G.O., No. 2991 R.	12th Dec. 1892.	Third line goods-shed lar-by, goods godown and loading bank at Jalarpet.	7,151	7,696	14,847
	C.E. No. 1098 ..	14th. "				
16	G.O., No. 1025 R.	20th July 1893.	Twenty houses for native firemen at Jalarpet.	4,527	1,617	6,044
17	G.O., No. 1056 R.	27th. "	Two double bangalows for guards at Jalarpet.	5,878	2,382	8,260
Nagari.						
18	G.O., No. 18 R.	10th Jan. 1894.	Interlocking points and signals at Nagari.	114	7,254	7,368
Pódanur.						
19	G.O., No. 923 R.	3rd June 1893.	Third line, Nilgiri branch at Pódanur ..	2,065	8,693	8,758
20	G.O., No. 2166 R.	7th Sept. 1892.	Alterations and additions to sidings at Pódanur.	705	6,814	6,519
	M.O.M. ..	27th July 1893.				
Palghat.						
21	G.O., No. 120 R.	23th Feb. 1894.	Alterations and additions to sidings at Palghat.	7,625	8,299	15,924
Shoranur.						
22	G.O., No. 1049 R.	25th July 1893.	Third line, &c., at Shoranur ..	3,216	2,922	6,138
Feroke.						
23	G.O., No. 1901 R.	6th Aug. 1892.	Third line, &c., at Feroke ..	3,822	4,677	8,299
	M.O.M. ..	24th. "				

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WORKS—PART I.

MADRAS RAILWAY for the official year 1894-95.

Actual expenditure up to close of official year 1892-93.			Probable expenditure during 1893-94.			Budget estimate of expenditure for official year 1894-95.			Estimated expenditure in future years.	Remarks.
Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
6,853	49,799	56,652	33,670	32,460	66,070	..	..	..	..	
12	5,731	5,743	12,384	12,276	24,660	500	..	500	..	
5,423	33,376	38,799	268	12,238	12,501	..	..	..	..	
..	..	..	12,133	..	12,133	..	..	..	..	
126	2,786	2,912	2,279	1	2,280	..	..	..	..	
1,171	3,655	4,826	671	..	671	5,000	509	5,509	..	
..	..	..	2,000	1,500	3,500	3,040	1,000	4,040	..	
3,417	640	4,057	480	..	480	..	..	..	..	
411	430	841	11,345	981	12,326	..	..	..	..	
..	..	..	4,000	2,000	6,000	1,172	364	1,536	..	
..	..	..	..	..	..	83,891	59,439	1,43,330	..	
..	..	..	2,662	1,000	3,662	2,000	323	2,323	..	
97	6,804	6,901	1,418	1,742	3,160	10,786	6,617	17,303	..	
455	1,297	1,752	6,696	6,399	13,095	..	..	..	..	
..	..	..	2,927	1,200	4,027	1,700	817	2,017	..	
..	..	..	3,000	1,600	4,500	2,878	882	3,760	..	
..	..	..	..	..	..	114	7,254	7,368	..	
258	64	322	1,451	2,833	4,284	..	..	..	..	
..	..	..	..	4,750	4,750	7,625	8,299	15,924	..	
..	..	..	3,216	2,922	6,138	..	..	..	..	
3,126	4,073	7,198	362	603	965	..	..	..	..	

WORKS—PART II.

MADRAS RAILWAY for the official year 1894-95.

[illegible]

Budget Estimate of Sanctioned Works of the

Number of items	Sanctions		Particulars.	Amount of estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			STATIONS AND BUILDINGS—cont.	Rs.	Rs.	Rs.
			<i>Mettupalaiyam.</i>			
24	G.O., No. 2675 R. C.E., No. 1062..	11th Nov. 1892. 5th Dec. "	Alterations and additions in connection with the junction of the Nilgiri Railway with the Madras Railway at Mettupalaiyam.	14,972	7,791	22,763
			<i>Tiruttani.</i>			
25	C.E. No. 888 ..	17th Nov. 1893.	Interlocking points and signals at Tiruttani.	64	9,804	9,868
			<i>Vepagunta.</i>			
26	G.O., No. 1208 R.	13th Sept. 1893.	Station-house, &c., at Vepagunta ..	2,838	1,741	5,678
			<i>Reningunta.</i>			
27	G.O., No. 1792 R. M.O.M.	6th Aug. 1891. 29th June 1893.	Extension of engine-shed, &c., at Reningunta.	7,081	8,253	15,334
			<i>Gooty.</i>			
28	G.O., No. 775 R.	26th April 1893.	Institute at Gooty ..	8,130	6,694	14,728
29	G.O., No. 1456 R.	28th Dec. 1893.	A double guard's bungalow at Gooty ..	4,134	1,138	5,272
			<i>Miscellaneous.</i>			
30	G.O., No. 2073 R.	9th Sept. 1891.	Distant signals, South-west and North-west lines.	9,747	26,993	46,740
31	G.O., No. 8-A R.	18th Jan. 1894.	Shed, &c., required for the introduction of Pintsch's system of gas lighting.	14,597	1,42,147	1,56,744
			<i>Electric Telegraph.</i>			
32	G.O., No. 798 R.	25th July 1889.	Revised estimate for the extension of the block system and the introduction of starting semaphore signals, &c., South-west and North-west lines, including additional stations.	64,943	1,01,818	1,66,761
33	G.O., No. 111 R.	1st Feb. "	Single needle instruments, batteries, &c., for trial or additional stations.	4,122	2,588	7,710
34	G.O., No. 3286 R.	14th Oct. 1891.	Introduction of block system between Madras and Arkonam. Sanctioned minor works as per schedule C.	2,873 79,190	2,392 63,092	5,265 1,42,282
			Total, Engineering Department ..	4,00,618	6,56,729	10,57,347
			LOCOMOTIVE DEPARTMENT.			
1	G.O., No. 2057 R.	23rd Aug. 1892.	Eight engines and tenders ..	6,800	2,33,960	2,39,760
			CARRIAGE AND WAGON DEPARTMENT.			
			<i>Furnishing additional screw couplings to vehicles.</i>			
1	G.O., No. 1516 R.	17th Oct. 1890.	Three thousand two hundred and thirty screw couplings.	15,376	23,384	38,760
2	G.O., No. 1516 R.	17th "	One thousand two hundred centre chains.	1,050	6,900	7,950
3	G.O., No. 148-R.	8th Mar. 1894.	One fifteen ton travelling crane ..	400	6,170	6,570
			(One composite carriage ..	2,220	4,628	6,848
4	G.O. No. 148 R.	" "	Five third-class carriages ..	3,200	16,800	19,000
			Two brake vans ..	1,240	5,760	7,000
			Sanctioned minor works as per schedule C.	957	9,869	10,826
			Total; Carriage and Wagon Department.	24,443	72,509	96,952
			Total, Schedule A ..	4,50,861	9,65,198	13,96,059

* It was found more economical to forge a larger proportion of these chains during the last year, and the

Madras Railway for the official year 1894-95—cont.

Actual expenditure up to close of official year 1892-93.			Probable expenditure during 1893-94.			Budget estimate of expenditure for official year 1894-95.			Estimated expenditure in future years.	Remarks.
Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
10	..	10	14,982	7,791	22,773	..	..	..	..	
..	..	..	..	..	..	64	9,804	9,868	..	
..	..	..	2,000	1,000	3,000	1,936	741	2,676	..	
6,889	7,753	14,642	191	..	191	..	..	..	..	
..	..	..	7,100	6,000	13,100	1,030	596	1,626	..	
..	..	..	..	..	..	4,134	1,138	5,272	..	
5,644	27,315	42,859	794	1,959	2,746	..	..	..	..	
..	..	..	..	..	..	14,597	1,42,147	1,56,744	..	
56,822	94,032	1,50,854	3,457	2,814	6,271	4,664	4,972	9,636	..	
1,060	1,342	2,392	435	370	805	2,637	1,876	4,513	..	Extension of date of lapse of sanction will be applied for. Sanction closed on 14th Oct. 1893.
1,834	2,062	3,896	939	839	1,309	..	..	..	..	
33,910	24,804	58,714	33,739	25,636	59,275	11,514	8,733	20,247	..	
1,27,507	2,78,963	4,03,470	1,64,344	1,30,138	2,94,482	1,59,281	2,54,911	4,14,192	..	
..	..	..	6,630	1,82,980	1,89,610	..	..	..	..	
4,603	7,650	12,153	2,100	4,700	7,800	3,100	4,700	7,800	11,007	
324	1,783	2,107	336	2,680	3,016	910	1,380	1,690	1,338	
..	..	..	..	..	..	400	6,170	6,570	..	
..	..	..	..	..	..	2,220	4,628	6,848	..	
..	..	..	..	..	..	3,200	16,800	19,000	..	
..	..	..	..	..	..	1,240	5,760	7,000	..	
..	..	..	586	9,778	10,364	..	..	..	..	
4,927	9,333	14,260	4,021	17,058	21,079	9,970	32,266	42,236	12,345	
1,82,434	2,85,296	4,17,730	1,74,995	3,30,176	5,05,171	1,69,251	2,87,177	4,56,428	12,845	

whole number will therefore now be probably completed at an earlier date than was originally estimated.

Budget Estimate of Unsanctioned Works of the

Number of items.	Sanctions.		Particulars.	Amount of estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			MISCELLANEOUS.	RS.	RS.	RS.
21	..	..	Four trial stations ..	8,844	1,808	8,652
22	..	..	Six houses for native stationmasters ..	3,414	2,602	8,916
23	..	..	Four platforms for trial stations ..	7,724	6,644	13,268
24	..	..	Twenty-five houses for subordinate staff ..	4,868	2,082	6,950
25	..	..	Two complete trial stations ..	9,238	6,374	18,610
26	..	..	Distant signals for six stations South-west and six stations North-west lines.	1,320	6,016	6,336
			ELECTRIC TELEGRAPH.			
27	..	..	Lighting of Arkonam station and yard by electricity.	3,760	14,240	18,000
			Unsanctioned minor works as per schedule C.	31,900	21,097	62,997
			Total, Engineering Department ..	2,79,960	2,37,710	6,17,670
			LOCOMOTIVE DEPARTMENT.			
1	..	..	Fitting automatic vacuum brake-gear to engines.	1,000	20,000	21,000
			CARRIAGES AND WAGON DEPARTMENT.			
1	..	..	Two composite carriages ..	4,422	9,284	13,706
2	..	..	Twenty-five third-class carriages ..	16,000	79,000	95,000
3	..	..	Two tool vans ..	1,240	6,760	7,000
4	..	..	Fitting automatic vacuum brake-gear to carriages.	1,250	20,000	20,250
			Total, Carriage and Wagon Department.	22,912	1,23,044	1,45,956
			Total, Schedule B. ..	3,03,872	3,80,764	6,84,626

SCHEDULE C OR CONSTRUCTION
BUDGET ESTIMATE OF MINOR WORKS OF THE

Number of items.	Sanctions.		Particulars.	Amount of estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			SANCTIONED WORKS.	Rs.	Rs.	Rs.
			ENGINEERING DEPARTMENT.			
			<i>Stations and Buildings.</i>			
			Central Station.			
1	C.E. No. 146 ..	18th Feb. 1893.	Dispensary and Apothecary's quarters at Central Station.	2,559	1,581	4,140
2	C.E. No. 248 ..	17th Mar. ..	Steam pump at Central Station ..	47	1,450	1,537
			Mosur.			
3	C.E. No. 684 ..	17th Aug. 1892.	Platform at Mosur	1,221	1,335	2,556
			Arkonam.			
4	{ C.E. No. 604. 28th July 1892.		{ Guard's bungalow at Arkonam ..	3,261	687	3,819
5	{ M.O.M. 1st Dec. 1893.					
5	C.E. No. 920 ..	25th Oct. 1892.	Alterations and additions to signaller's bungalow at Arkonam.	853	671	1,422
6	C.E. No. 1117 ..	19th Dec. ..	Depôt siding at Arkonam ..	1,360	932	2,292
7	C.E. No. 681 ..	12th July 1893.	Building for manufacturing soda-water at Arkonam.	736	617	1,253

Madras Railway for the official year 1894-95—cont.

Actual expenditure up to close of official year 1892-93.			Probable expenditure during 1893-94.			Budget estimate of expenditure for official year 1894-95.			Estimated expenditure in future years.	Remarks.
Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
..	..	..	..	..	..	6,844	1,808	8,652	..	
..	..	..	..	..	..	3,414	2,602	8,916	..	
..	..	..	..	..	..	7,724	8,644	12,268	..	
..	..	..	..	..	..	4,868	2,082	6,950	..	
..	..	..	..	..	..	9,238	6,374	15,610	..	
..	..	..	..	..	..	1,320	6,016	6,336	..	
..	..	..	..	..	..	3,760	14,240	18,000	..	
..	..	..	..	..	..	37,188	20,297	47,485	5,613	
..	..	..	..	..	..	2,10,791	1,80,460	3,91,241	1,26,429	
..	..	..	..	..	..	1,000	20,000	21,000	..	
..	..	..	..	..	..	4,422	9,284	13,706	..	
..	..	..	..	..	..	16,000	79,000	95,000	..	
..	..	..	..	..	..	1,240	6,760	7,000	..	
..	..	..	..	..	..	1,250	20,000	20,250	..	
..	..	..	..	..	..	22,912	1,23,044	1,45,956	..	
..	..	..	..	..	..	2,34,702	3,23,494	5,58,197	1,26,429	

WORKS—PART III.

MADRAS RAILWAY for the official year 1894-95.

Actual expenditure up to close of official year 1892-93.			Probable expenditure during 1893-94.			Budget estimate of expenditure for official year 1894-95.			Estimated expenditure in future years.	Remarks.
Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
..	348	348	2,707	1,251	3,958	..	..	..	..	
..	1,490	1,490	47	..	47	..	..	..	..	
..	..	..	..	..	..	..	..	..	..	
395	1,200	1,595	826	135	961	..	..	..	..	
..	..	..	..	..	..	..	..	..	..	
2,648	628	3,176	613	..	613	..	..	..	..	
609	401	1,010	239	..	239	..	..	..	..	
..	..	..	45	1,245	876	2,161	..	..	..	
..	..	..	736	617	1,263	..	..	..	..	

Budget Estimate of Minor Works of the

Number of items.	Sanctions.		Particulars.	Amount of estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			ENGINEERING DEPARTMENT—cont.	Rs.	Rs.	Rs.
			Stations and Buildings—cont.			
			Arcot.			
8	C.E. No. 372 ..	26th April 1893.	Alterations and additions to station-house at Arcot.	713	1,368	2,081
			Katpadi.			
9	C.E. No. 727 ..	29th Aug. 1892.	Double bungalow for signallers at Katpadi.	1,998	861	2,859
			Vinnamangalam.			
10	C.E. No. 781 ..	5th Oct. 1893.	Platform at Vinnamangalam	1,741	1,335	3,076
			Kolar Road.			
11	C.E. No. 137 ..	14th Jan. 1894.	Enlarging the Locomotive well at Kolar Road.	2,430	..	2,430
			Bangalore City.			
12	C.E. No. 1020 ..	19th Nov. 1892.	Goods shed office at Bangalore City ..	826	317	1,172
			Jalarpet.			
13	C.E. No. 683 ..	17th Aug. 1892.	{ Shed for sheltering carriages at Jalarpet.	995	322	1,317
	M.O.M. ..	28th Sept. 1893.				
14	C.E. No. 726 ..	29th Aug. 1892.	{ Double bungalow for family guards at Jalarpet.	3,005	873	3,878
	M.O.M. ..	54th .. 1893.				
15	C.E. No. 940 ..	31st Oct. 1892.	Stand pipes and piping at Jalarpet	432	1,314	1,666
16	C.E. No. 843 ..	28th Sept. ..	{ Additions to Assistant Traffic Manager's office at Jalarpet.	939	497	1,436
	M.O.M. ..	24th Aug. 1893.				
			McDonald's Choultry.			
17	C.E. No. 278 ..	23rd Mar. 1893.	Shifting siding at McDonald's Choultry.	140	..	140
			Cauvery.			
18	C.E. No. 689 ..	29th Aug. 1893.	Station-house, &c., at Cauvery	2,642	1,408	3,948
			Erode.			
19	C.E. No. 834 ..	26th Sept. 1892.	{ Thirty-ton weigh bridge and office, &c., at Erode.	463	2,605	3,063
	M.O.M. ..	24th Aug. 1893.				
20	C.E. No. 224 ..	11th Mar. ..	Alterations and additions to sidings at Erode.	434	2,385	2,819
21	C.E. No. 821 ..	18th Oct. ..	New well at Erode	1,163	..	1,163
			Vizianagalam.			
22	C.E. No. 606 ..	19th Aug. 1892.	{ Goods godown and loading bank at Vizianagalam.	1,692	359	2,051
	M.O.M. ..	27th July 1893.				
			Uttukuli.			
23	C.E. No. 820 ..	18th Oct. 1893.	Raising and enlarging tank at Uttukuli.	639	859	1,498
			Tirupur.			
24	C.E. No. 374 ..	27th April 1893.	{ Alterations and additions to the existing siding at Tirupur.	1,502	1,544	3,046
	C.E. No. 479 ..	7th June ..				
			Podanur.			
25	C.E. No. 616 ..	1st Aug. 1892.	{ Guard's bungalow at Podanur ..	2,846	1,032	3,877
	M.O.M. ..	24th .. 1893.				
26	C.E. No. 686 ..	47th .. 1892.	{ Assistant Traffic Manager's office at Podanur.	2,460	1,604	4,064
	M.O.M. ..	27th July 1893.				
27	C.E. No. 601 ..	21st	Double bungalow for guards at Podanur.	2,963	1,191	4,154
			Olavakkode.			
28	C.E. No. 460 ..	16th June 1892.	{ Alterations and additions to signaller's bungalow at Olavakkode.	916	464	1,379
	M.O.M. ..	24th Aug. 1893.				
			Palghat.			
29	G.O. No. 917 R.	8th April 1892.	Goods shed and extension of sidings at Palghat.	747	1,338	2,085
30	C.E. No. 461 ..	16th June 1892.	{ Thirty-ton weigh bridge, &c., at Palghat.	1,122	3,671	4,793
	M.O.M. ..	28th Sept. 1893.				
31	C.E. No. 592 ..	25th July 1892.	Approach road to goods shed at Palghat..	1,082	..	1,082
			Eddakolam.			
32	C.E. No. 688 ..	17th Aug. 1892.	{ Station-house at Eddakolam	1,319	737	2,056
	M.O.M. ..	24th .. 1893.				
			Feroke.			
33	C.E. No. 316 ..	10th April 1893.	Alteration of sidings at Feroke	787	827	1,614

* Note.—Stores, amounting to Rs. 1,673, will be recovered from other Capital

Madras Railway for the official year 1894-95—cont.

Actual expenditure up to close of official year 1892-93.			Probable expenditure during 1893-94.			Budget estimate of expenditure for official year 1894-95.			Estimated expenditure in future years.	Remarks.
Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
..	..	..	713	1,368	2,081	..	..	..	..	
1,656	689	2,345	803	..	803	..	..	..	..	
..	..	..	1,000	1,000	2,000	741	335	1,076	..	
..	..	..	..	..	..	2,430	..	2,430	..	
511	434	945	217	..	217	..	..	..	..	
779	264	1,043	245	88	303	..	..	..	..	
2,938	864	3,802	66	7	73	..	..	..	..	
1	71	72	379	1,114	1,493	..	..	..	..	
906	481	1,387	63	..	63	..	..	..	..	
..	..	..	140	..	140	..	..	..	..	
..	..	..	1,000	1,200	2,200	1,843	208	1,748	..	
..	..	..	..	..	..	..	..	..	..	
310	2,605	2,915	148	..	148	..	..	..	..	
..	42	42	270	1,889	2,159	..	..	..	..	
..	..	..	600	..	600	583	..	583	..	
1,320	121	1,441	310	238	548	..	..	..	..	
..	..	..	839	559	1,398	307	300	600	..	
..	..	..	1,373	..	1,373	..	..	..	..	
2,826	972	3,797	10	69	69	..	..	..	..	
3,260	1,390	4,640	205	113	318	..	..	..	..	
..	..	..	2,000	1,000	3,000	963	191	1,154	..	
812	246	1,058	..	117	117	..	..	..	..	
479	1,219	1,698	268	119	387	..	..	..	..	
634	2,679	3,313	488	1,092	1,580	..	..	..	..	
640	..	640	540	..	540	..	..	..	..	
1,307	598	1,905	11	106	117	..	..	..	..	
..	..	..	1,006	674	1,679	..	..	..	..	

works, and the net expenditure will be Rs. 1,373 Capital and Rs. 214 Revenue.

Budget Estimate of Minor Works of the

Number of items	Sanctions.		Particulars.	Amount of estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			ENGINEERING DEPARTMENT—cont.	Rs.	Rs.	Rs.
			Stations and Buildings—cont.			
			Coimbatore.			
34	C.E. No. 483 ..	8th June 1893.	Lay-bye, &c., at Coimbatore ..	634	1,848	2,482
35	C.E. No. 823 ..	12th Mar. 1894.	Raising the line at 320-10-B miles, Nilgiri branch.	1,282	..	1,282
			Ponpadi.			
36	C.E. No. 606 ..	22nd July 1893.	Platform at Ponpadi ..	1,024	1,335	2,359
			Vepagunta.			
37	C.E. No. 608 ..	8th July 1891.	Platform and lay-bye at Vepagunta ..	1,372	2,036	4,408
			Padi.			
38	C.E. No. 451 ..	29th May 1893.	Complete interlocking of all points and signals and working the same by one man from the platform without pointsmen at Padi.	330	1,631	1,961
			Puttur.			
39	C.E. No. 98 ..	11th Jan. 1894.	Interlocking the points and signals at Puttur.	111	2,057	2,168
			Rénigunta.			
40	G.O. No. 1556 B.	21st June 1892.	Double guards bungalow at Rénigunta.	2,128	407	2,535
41	C.E. No. 614 ..	1st Aug. 1892.	One block of four hungalows for European and Eurasian firemen at Rénigunta.	3,401	1,104	4,505
42	C.E. No. 831 ..	26th Sept. 1892.	Six houses for subordinate staff at Rénigunta.	949	329	1,278
			Mairandur.			
43	C.E. No. 451 ..	23th May 1893.	Points to be worked and locked, &c., locally by pointsmen, signals to be worked and controlled by station-master who also detects and locks points.	276	1,201	1,477
			Kodur.			
44	C.E. No. 792 ..	7th Oct. 1893.	Four houses for subordinate staff for Traffic Department at Kodur.	779	333	1,112
			Rajampeta.			
45	C.E. No. 868 ..	8th Oct. 1892.	Six houses for subordinate staff at Rajampeta.	1,002	269	1,271
			Siddhavattam.			
46	C.E. No. 842 ..	3rd May 1892.	Extension of platform and through siding at Siddhavattam.	1,707	1,512	3,219
			Cuddapah.			
47	C.E. No. 868 ..	6th Oct. 1892.	Six houses for subordinate staff at Cuddapah.	1,123	165	1,288
48	C.E. No. 630 ..	21st June ..	Eight houses for subordinate staff (Traffic Department) at Cuddapah.	1,416	637	2,053
			Gangayapalli.			
49	C.E. No. 687 ..	17th Aug. 1892.	Station-house at Gangayapalli.	1,291	802	2,093
			Yerragudipad.			
50	C.E. No. 822 ..	18th Oct. 1893.	Platform at Yerragudipad ..	950	1,125	2,075
			Gooty.			
51	C.E. No. 839 ..	26th Sept. 1892.	Eight houses for native firemen at Gooty.	2,471	239	2,710
52	C.E. No. 808 ..	24th July 1892.	Block of four houses for drivers at Gooty.	2,308	457	2,765
			Guntakal.			
53	C.E. No. 816 ..	17th Oct. 1893.	Native signaller's bungalow at Guntakal.	2,620	610	3,230
			Raichur.			
54	C.E. No. 813 ..	9th Mar. 1894.	A new engine turn-table at Raichur ..	793	2,024	2,817
55	C.E. No. 941 ..	31st Oct. 1893.	New coal siding at Raichur ..	930	1,628	2,558
56	C.E. No. 947 ..	1st Nov. 1893.	Enlargement of locomotive well at Raichur.	2,207	1,369	3,576

Madras Railway for the official year 1894-95—cont.

Actual expenditure up to close of official year 1893-94.			Probable expenditure during 1893-94.			Budget estimate of expenditure for official year 1894-95.			Estimated expenditure in future years.	Remarks.
Cash outlay in India.	Value of Stores.	Total.	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
..	..	..	634	1,848	2,482	1,282	..	1,282	..	
..	..	..	1,024	1,335	2,359	..	..	..	..	
864	636	1,500	959	1,322	2,281	..	..	..	..	
..	..	..	330	1,631	1,961	..	..	..	..	
..	..	..	..	..	..	111	3,057	3,168	..	
121	148	269	2,007	169	2,176	..	..	..	..	
1,441	670	2,123	1,956	69	2,025	..	..	..	..	
691	329	1,020	258	..	258	..	..	..	..	
..	..	..	276	1,201	1,477	..	..	..	..	
..	..	..	500	300	800	279	33	312	..	
214	251	465	388	..	388	..	..	..	..	
1,199	1,511	2,710	4	..	4	..	..	..	..	
687	157	844	536	8	544	..	..	..	..	
..	..	..	1,416	637	2,053	..	..	..	..	
1,058	724	1,782	233	..	233	..	..	..	..	
..	..	..	500	600	1,100	450	625	1,075	..	
2,090	239	2,329	381	..	381	..	..	..	..	
2,019	457	2,476	289	..	289	..	..	..	..	
..	..	..	1,020	400	1,420	1,600	210	1,810	..	
..	..	..	..	..	..	793	2,024	2,817	..	
930	1,710	2,640	..	130	130	..	..	..	..	
827	752	1,579	1,690	811	2,501	..	..	..	..	

Budget Estimate of Minor Works of the

Number of items.	Sanctions.		Particulars.	Amount of estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
			ENGINEERING DEPARTMENT—cont.	Rs.	Rs.	Rs.
			Stations and Buildings—cont.			
			Raichur—cont.			
57	C.E. No. 1089	12th Dec. 1892.	Alteration and addition of sidings between station-house and engine-shed at Raichur.	683	2,150	2,833
			Electric Telegraph.			
58	C.E. No. 581	12th July 1893.	Plant for soda-water manufacture at Arkonam.	440	852	1,292
			Total, Engineering Department, carried to schedule A.	79,190	63,092	1,42,282
			CARRIAGE AND WAGON DEPARTMENT.			
1	C.E. No. 161	20th Feb. 1893.	Fitting automatic vacuum brake gear	128	4,543	4,668
2	C.E. No. 702	6th Sept. "	Two tank wagons for carrying kerosene-oil.	820	2,260	4,100
3	C.E. No. 793	7th Oct. "	One new forging machine	12	2,046	2,058
			Total, Carriage and Wagon Department, carried to schedule A.	957	9,869	10,826
			Total, Sanctioned minor works	80,147	72,961	1,53,108
			UNSANCTIONED WORKS.			
			ENGINEERING DEPARTMENT.			
			Stations and Buildings.			
			Kayapuram.			
1			Alteration of sidings and signals and also grouping and interlocking points with signals at Kayapuram.	826	2,726	3,551
2			Supply of Red Hills water to engines at Kayapuram.	343	2,264	2,607
			Central Station.			
3			Shed for making gas at Central Station	2,128	867	2,995
			Manur.			
4			Platform on down line at Manur	1,583	1,335	2,918
			Jalarpet.			
5			House for engine-driver and store-room at pumping station at Jalarpet.	930	184	1,114
6			Ten huts for native firemen and artisans at Jalarpet.	2,264	758	3,022
			Bangalore City.			
7			Carriage Examiner's bungalow at Bangalore City.	2,624	662	3,286
			Kadiampati.			
8			Goods godown at Kadiampati	323	1,078	1,411
			Podanur.			
9			Removal of 4th Division South-West line workshop from Calicut to Podanur.	1,000	800	1,800
10			Emergency stock shed and lay-by at Podanur.	479	918	1,397
			Feroke.			
11			Two extra godowns for merchants at Feroke.	1,654	686	2,339
			Rénigunta.			
12			Ten houses for native firemen at Réni-gunta.	2,720	680	3,300
13			Extension of transhipping shed at Réni-gunta.	784	1,928	2,712
14			Watering arrangements to be improved at Thooch at Renigunta.	2,052		2,052
			Gooty.			
15			Large latrine instead of the small one at north end of platform at Gooty.	865	244	1,109
			Raichur.			
16			Removal of overbridge at Raichur	1,139	688	1,827
17			Addition to goods shed at Raichur	2,802	210	3,012

Madras Railway for the official year 1894-95—cont.

Actual expenditure up to close of official year 1892-93.			Probable expenditure during 1893-94.			Budget estimate of expenditure for official year 1894-95.			Estimated expenditure in future years.	Remarks.
Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
..	569	569	721	1,593	2,314	..	..	..	..	
..	..	..	..	..	..	440	852	1,292	..	
33,910	24,804	58,714	33,739	25,536	59,275	11,514	8,733	20,247	..	
..	..	..	70	4,140	4,210	..	..	..	..	
..	..	..	504	3,692	4,096	..	..	..	..	
..	..	..	12	2,046	2,058	..	..	..	..	
..	..	..	586	9,778	10,364	..	..	..	..	
33,910	24,804	58,714	34,325	35,314	69,639	11,514	8,733	20,247	..	
..	..	..	..	..	..	826	2,725	3,551	..	
..	..	..	..	..	..	343	2,254	2,597	..	
..	..	..	..	..	..	2,128	867	2,995	..	
..	..	..	..	..	..	1,583	1,335	2,918	..	
..	..	..	..	..	..	930	184	1,114	..	
..	..	..	..	..	..	2,264	758	3,022	..	
..	..	..	..	..	..	2,624	662	3,286	..	
..	..	..	..	..	..	323	1,078	1,411	..	
..	..	..	..	..	..	..	..	..	1,800	
..	..	..	..	..	..	479	918	1,397	..	
..	..	..	..	..	..	1,654	686	2,339	..	
..	..	..	..	..	..	220	680	900	2,430	
..	..	..	..	..	..	784	1,928	2,712	..	
..	..	..	..	..	..	1,770	..	1,770	1,282	
..	..	..	..	..	..	865	244	1,109	..	
..	..	..	..	..	..	1,139	688	1,827	..	
..	..	..	..	..	..	2,802	210	3,012	..	

Budget Estimate of Minor Works of the

Budget Estimate of Minor Works of the						
Number of items.	Sanctions.		Particulars.	Amount of estimate.		
	Number.	Date.		Cash outlay in India.	Value of stores.	Total expenditure.
				Rs.	Rs.	Rs.
			ENGINEERING DEPARTMENT—cont.			
			Stations and Buildings—cont.			
			Raichur—cont:			
18	..	..	Safety siding to prevent wagons from moving away on the Madras Railway line.	1,352	2,087	3,439
19	..	..	Additions to Apothecary's quarters at Raichur.	965	482	1,447
20	..	..	Miscellaneous.			
21	..	..	Two loading banks to be provided at two stations.	1,448	..	1,448
22	..	..	Overbridge at Elephant gate crossing ..	709	1,612	2,321
23	..	..	Electric Telegraph.			
23	..	..	Buildings in connection with the lighting of Arkonam station yard by electricity.	1,400	..	1,400
			Fixing lightning conductors to the building at Bangalore City.	500	1,000	1,500
			Total, Engineering Department, carried to schedule B.	31,900	21,097	52,997
			LOCOMOTIVE DEPARTMENT.			
	..	..	NJ.	..	..	..
			CARRIAGE AND WAGON DEPARTMENT.			
	..	..	NJ.	..	..	..
			Total, Unsanctioned Minor Works ..	31,900	21,097	52,997

Madras Railway for the official year 1894-95—cont.

Actual expenditure up to close of official year 1892-93.			Probable expenditure during 1893-94.			Budget estimate of expenditure for official year 1894-95.			Estimated expenditure in future years.	Remarks.
Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.	Cash outlay in India.	Value of stores.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
..	..	..	..	..	..	1,352	2,087	3,439	..	
..	..	..	..	..	..	965	482	1,447	..	
..	..	..	..	..	..	1,448	..	1,448	..	
..	..	..	..	..	..	709	1,612	2,321	..	
..	..	..	..	..	..	1,400	..	1,400	..	
..	..	..	..	..	..	500	1,000	1,500	..	
..	..	..	..	..	..	27,188	20,297	47,485	5,512	
..	..	..	..	..	..	..	..	..	..	
..	..	..	..	..	..	..	..	..	..	
..	..	..	..	..	..	27,188	20,297	47,485	5,512	

BUDGET ESTIMATE OF EXPENDITURE for PURCHASE of STORES for the MADRAS RAILWAY during 1894-95.

Detail.		ACTUAL PURCHASES DURING 1892-93.		PROBABLE PURCHASES DURING 1893-94.		ESTIMATED PURCHASES DURING 1894-95.	
		Quantity.	Amount.	Quantity.	Amount.	Quantity.	Amount.
<i>In India.</i>			Rs.		Rs.		Rs.
Firewood	Tons.	80,537	3,80,877	93,000	4,65,000	90,000	4,50,000
Oil of sorts .. ..	.. ..	.. ..	1,65,530	.. ..	1,61,900	.. ..	1,47,000
Cotton, waste, &c .. ..	.. ..	.. ..	6,679	46,000	6,000	46,000	6,000
Timber of all kinds .. ..	.. ..	93,379	1,89,976	.. ..	1,68,350	.. ..	1,65,000
Sallow, country	Tons.	2,293	1,180	2,000	430	2,500	650
Coal, Indian .. ..	.. ..	6,971	2,05,600	23,000	2,46,000	24,000	3,00,000
Wooden sleepers	Tons.	21,208	.. ..	.. ..	20,000	.. ..	20,000
Do. keys .. ..	.. ..	.. ..	.. ..	.. ..	14,000	.. ..	14,000
Materials for tarpaulins .. ..	.. ..	.. ..	1,32,624	.. ..	15,000	.. ..	15,000
Manufacture of stores .. ..	.. ..	.. ..	.. ..	.. ..	17,0420	.. ..	7,500
Freight and landing charges .. ..	.. ..	.. ..	34,306	.. ..	60,000	.. ..	1,56,200
Sundry stores .. ..	.. ..	.. ..	1,65,501	.. ..	1,08,713	.. ..	80,000
Total ..		..	13,81,673	..	15,24,833	..	14,76,990
<i>In England.</i>							
Coal, coke and patent fuel	Tons.	607	9,719	.. ..	.. ..	1,000	28,000
Brass and copper pipes, tubes, &c. .. ..	.. ..	60	34,853	.. ..	31,656	.. ..	30,000
Iron and steel plates and bars .. ..	.. ..	634	65,936	.. ..	19,974	.. ..	10,000
Materials for renewals of rolling-stock, chiefly iron works .. ..	.. ..	14	4,781	.. ..	27,194	.. ..	30,000
Tyres, engines and carriages	Tons.	.. ..	5,672	110	4,431	106	6,500
Machinery .. ..	.. ..	.. ..	32,447	.. ..	2,138	.. ..	15,000
Axles, crank .. ..	.. ..	8	4,778	25	15,904	25	18,000
Do. carriages	No.	.. ..	.. ..	.. ..	1,80,224	100	3,000
Locomotives .. ..	.. ..	.. ..	.. ..	.. ..	.. ..	60	75,000
Iron under frames for carriages	No.	.. ..	.. ..	.. ..	.. ..	.. ..	30,000
Plant for making gas and fittings for lighting .. ..	.. ..	.. ..	.. ..	13	4,543	70	49,000
Automatic vacuum brake fittings .. ..	.. ..	.. ..	.. ..	.. ..	2,39,000	.. ..	1,60,000
Permanent-way materials	Tons.	402	46,835	.. ..	60,000	.. ..	19,000
Girders and iron cylinders .. ..	.. ..	343	3,948	.. ..	628	.. ..	3,100
Telegraph stores .. ..	.. ..	.. ..	5,460	.. ..	11,000	.. ..	8,500
Materials for tarpaulins .. ..	.. ..	.. ..	3,13,154	.. ..	1,37,035	.. ..	1,80,305
Sundry stores .. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	8,000
Total ..		..	6,74,866	..	7,23,727	..	8,06,903
Total, Schedule E ..		..	19,56,539	..	22,48,560	..	22,83,893

MEMORANDUM.				Rs.
Actual balance of stores on hand, 1st April 1893	...	...	...	29,14,862
Estimated purchases during 1893-94 as above	...	...	...	22,48,560
			Total	51,63,222
Estimated issues during 1893-94	...	...	...	24,30,178
Estimated balances on 1st April 1894	...	...	...	29,33,046
Estimated purchases during 1894-95	...	...	...	22,83,899
			Total	52,16,945
Estimated issues during 1894-95	...	...	...	26,10,671
Estimated balances on 1st April 1895	...	...	...	26,06,274

ENGLISH TRANSACTIONS.

ENGLISH TRADES		Budget estimate, 1894-95.
		Rs.
Indents to be sent home during the year	...	9,69,670
Add for indents of previous year expected to be complied with in official year	...	3,16,178
Add English establishment charges	...	1,09,091
	Total	13,94,939
Deduct amount of orders not expected to be complied with until next year	...	4,78,939
Net Capital cash transactions in England	...	9,16,000

SCHEDULE F.

ESTIMATE OF TRAFFIC RECEIPTS OF THE MADRAS RAILWAY, 1894-95.

ESTIMATE OF TRAFFIC RECEIPTS			840
Number of miles open for traffic on 1st April 1893	...	...	...
Expected to be opened during 1893-94	..	...	...
Total on 1st April 1894			840
Expected to be opened during 1894-95			...
Total likely to be opened at end of 1894-95	...	...	840
Average number of miles expected to be opened during the			840
whole of 1894-95	...	...	...

	Actuals in 1892-93.	Sanctioned budget estimate, 1893-94.	Revised estimate, 1893-94.	Budget estimate, 1894-95.
	RS.	RS.	RS.	RS.
Coaching traffic	38,50,131	38,60,000	39,00,000	40,00,000
Goods do.	58,43,432	57,10,000	61,10,000	65,00,000
Electric telegraph earnings	18,933	20,000	17,000	20,000
Sundries	1,57,281	1,60,000	2,23,000	1,60,000
Total	98,69,777	97,50,000	1,02,50,000	1,06,80,000
Train mileage	25,35,755	24,72,000	26,40,000	26,40,000

SCHEDULE G.

ESTIMATE OF REVENUE EXPENDITURE ON THE MADRAS RAILWAY FOR THE OFFICIAL YEAR 1894-95.

	Actuals in 1892-93.	Sanctioned budget estimate, 1893-94.	Revised estimate, 1893-94.	Budget estimate, 1894-95.
<i>Maintenance of Way, Works and Stations.</i>				
1. General superintendence	2,66,780	2,60,000	2,80,000	2,70,000
2. Maintenance and renewal of permanent way.	6,31,338	7,00,000	3,75,000	5,15,000
3. Repairs of bridges, &c., wages and materials.	2,36,639	2,00,000	1,00,000	1,50,000
3-A. Conservancy of rivers	...	...	...	...
4. Repairs of stations and buildings, wages and materials	1,75,726	1,80,000	1,71,000	1,80,000
5. Maintenance by contract	...	...	...	...
6. New minor works	22,635	20,000	24,000	25,000
7. Unclassified expenditure	2,47,486	2,10,000	1,60,000	2,00,000
Total	15,80,604	15,70,000	11,10,000	13,40,000
Deduct—value of stores returned to stock	1,40,152	...	...	...
Sum chargeable to Fire Insurance Fund	2,039	1,42,191	1,20,000	...
Total	14,38,413	14,50,000	11,10,000	13,40,000
<i>Locomotive Expenses.</i>				
1. General superintendence	1,16,350	1,10,000	1,25,000	1,25,000
2. Running expenses (wages connected with the working of locomotive engines)	3,66,672	3,70,000	3,77,000	3,70,000
3. Fuel	6,75,141	7,10,000	7,50,000	7,15,000
4. Water (including wages and stores)	27,611	26,000	27,000	28,000
5. Oil, tallow and other stores (expended on engines in work)	43,931	45,000	45,000	45,000
6. Maintenance and renewals of locomotive engines	4,20,259	4,40,000	5,20,000	4,25,000
6-A. Maintenance and renewals of machinery, tools and plant	1,03,514	1,00,000	54,000	50,000
7. New minor works	...	2,500	2,000	2,000
8. Payments to other lines	...	...	...	...
9. Unclassified expenditure	1,20,489	1,46,500	2,00,000	1,65,000
Total	18,73,967	19,50,000	21,00,000	19,25,000
<i>Carriage and Wagon Expenses.</i>				
1. General superintendence	28,665	36,000	37,000	37,000
2. Repairs and renewals of vehicles	2,79,834	2,70,500	3,75,000	4,30,000
2-A. Do. do. of machinery, tools and plant	60,542	65,000	25,000	60,000
3. Cleaning carriages and wagons and oiling.	63,731	70,000	66,000	62,000
4. New minor works	...	2,500	2,000	2,000
5. Unclassified expenditure	39,082	50,000	55,000	49,000
Total	4,71,854	5,00,000	5,60,000	6,40,000
Deduct—sum chargeable to Fire Insurance Fund	2,860	...	...	...
Total	4,68,994	5,00,000	5,60,000	6,40,000

ESTIMATE OF REVENUE EXPENDITURE ON THE MADRAS RAILWAY FOR THE OFFICIAL YEAR 1894-95—cont.

	Actuals in 1892-93.	Sanctioned budget estimate, 1893-94.	Revised estimate, 1893-94.	Budget estimate, 1894-95.
<i>Traffic Expenses.</i>				
1. Salaries, wages, &c.	6,03,838	6,20,000	6,24,000	6,20,000
2. Fuel, lighting, water and general stores	1,00,132	1,10,000	1,40,000	1,22,000
3. Clothing	11,045	9,000	11,500	10,500
4. Printing, stationery and tickets	77,624	72,000	82,000	75,000
5. Charges for delivery and collection of goods, &c.	2,473	2,000	2,500	2,000
6. Miscellaneous expenses	6,029	6,000	8,000	6,000
7. Payments to other lines	10,030	...	12,000	10,000
8. Unclassified expenditure	34,347	21,000	50,000	31,000
Total	8,45,518	8,40,000	9,30,000	8,76,500
Deduct—value of stores returned to stock	782	...	...	...
Sum chargeable to Fire Insurance Fund	339	1,121	...	...
Total	8,44,397	8,40,000	9,30,000	8,76,500
<i>General Charges.</i>				
1. Home expenditure	66,384	68,000	81,000	70,000
2. Salaries of Indian management including offices	2,53,890	2,60,000	2,78,800	2,71,260
3. Police	88,108	39,000	39,000	39,000
4. Advertising (all advertisements of all departments)	4,562	4,000	4,900	5,000
5. Electric telegraph	1,33,697	1,42,000	1,45,300	1,58,240
6. Clearing accounts with other lines	42,244	45,000	57,000	60,000
7. Unclassified expenditure	...	...	...	...
Total	5,38,925	5,58,000	6,06,000	5,93,500
Deduct—sum chargeable to Fire Insurance Fund	5,657	6,000	6,000	4,000
Total	5,33,268	5,52,000	6,00,000	5,89,500
<i>Special and Miscellaneous Expenditure.</i>				
1. Law charges	870	2,400	2,000	3,000
2. Compensation	8,292	4,000	4,000	7,000
3. Rates and taxes (including Municipal water-rates)	20,107	16,000	20,000	22,000
4. Payments to other lines	23,233	25,000	10,000	30,000
5. Prizes for station gardens, &c.	837	600	900	1,000
6. Contributions to Railway Provident Institution	39,970	40,000	43,000	46,000
7. Miscellaneous	16,299	20,000	20,100	20,000
Total	1,14,608	1,08,000	1,00,000	1,29,000
Deduct—sum chargeable to Fire Insurance Fund	4,726	...	...	...
Total	1,09,882	1,08,000	1,00,000	1,29,000

MADRAS, 16th April 1893. (Signed) F. DUNSTERVILLE, Chief Auditor. (Signed) L. S. MOSS, Agent and Manager.

A No. 277 R 91 May 1904

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Letter from the Agent &
Manager Madras Railway
submitting the final issue
of the Capital & Revenue
revised and budget esti-
mates in R for the years
1893-94 and 1894-95.

H. S. N. = $\frac{7742}{284}$ of 16th April 1894

Ordered that the final
issue of the Capital & Revenue
revised and budget estimates
in R for the years 1893-94 &
1894-95 be forwarded to the
Govt of India.

To The Agent & Manager in R
Examiner R. S. S. S. S.

H. S. N. = 278 R 91 May
1904

To The Secretary
to the Govt of India
P. W. D.

Sir
With reference to para
7 of the Govt of India Reso-
lution N. = $\frac{4}{B.O.}$ A. R. 722-1 and
1894, I am directed to forward
hereunto

herewith the final issue of
the Capital & Revenue Revised
and Receipt Estimates
for the years 1893-94 &
1894-95 and to state that the
estimates have been prepared
in accordance with the
amounts accepted by the
Govt of India.

2d
1894

D. R.

20/10/94