

- (1) Number of pages _____
(2) Date of repair _____
(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	2486	(Ry)	Press
B.P. No.			Mis.
Dated	1-9-		1875.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
1st September 1875.*

No. 1. Read the following letter from Lieutenant-Colonel J. H. M. SHAW-STEWART, R.E., Consulting Engineer for Railways, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 27th August 1875, No. 480.—

I HAVE the honor to enclose the Analysis of the Revenue Account of the Madras Railway for the first half of 1874. The delay in submission is due to press of work and to the late receipt of some of the information from the Railway Company. In order to ensure earlier despatch in future, the preparation of this return has been made over to the Examiner of Railway Accounts, and the analysis for the second half of 1874 may be looked for soon.

2 Every endeavour has been made to render the tables as complete as possible. The only point still wanting is the average mileage of excess fares in Table B, which will be supplied in future.

3 The information under E. I. 7 and 8 is now entered for the first time, and, though not strictly accurate, is believed to be a fair approximation to the actual figures. It has been obtained by taking out the train mileage in divisions according to the distribution of the different kinds of rails, applying thereto a co-efficient for the nature of the gradients on each division, and multiplying by the average weight of a train for the ton mileage.

4 There appears to be nothing in the tables to call for special remark.

5 It is requested that the analysis may be printed in the usual form separately from this letter and the order thereon.

No. 2 ORDER THEREON, 1st September 1875, No. 2,486.

RAILWAY, No. 1

ORDERED that this review be forwarded to the Government of India.

(True Extract)

(Signed) G. W. WALKER, Major-General, R.E.,
Secretary to Government

No. 3

(DOCKET No. 2,487, dated 1st September 1875)

Copy of the above forwarded to the Government of India
(True Extract)

Major-General, R.E.,
Secretary to Government

OPEN MILEAGE ON		TOTAL LENGTH OF THE FOLLOWING GRADIENTS —			Cost per mile open	Capital expended on open mileage, inclusive of Rolling Stock	Average number of stations maintained	Mean mileage worked	STEEPEST GRADIENTS WORKED BY					
Single	Double	1 to 100 and less	101 to 200	201 to 300					Fixed power		Locomotives		Length	Inclination
		M	Ch	M	Ch	M	Ch	M	Ch	M	Ch	M	Ch	
853 1/2	856 1/4	66-32	208-52	125-60	11,304	9,684,401		856 1/4					0-14	1 in 60

* Expenditure per balance sheet
 Line open to traffic
 Rolling stock
 Railway station
 Establishment
 Locomotives
 Plant

No. as P
 908,561.60 - 5 - 3
 112,044.98 - 10 - 7
 4,31,548 - 7 - 2
 8,37,664 - 14 - 3
 1,28,007 - 8 - 1
 11,63,994 - 8 - 6

Expenditure in England not included above
 Total expenditure per statement 204 of half-yearly accounts

9,590,412 - 5 - 5
 93,908 - 12 - 11
 9,684,320 - 10 - 4

Madras Railway
TABLE A.
GENERAL STATEMENT of Working of half-year ending 30th June 1974.

TRAFFIC	PASSENGERS OR TONS OF GOODS CARRIED		EARNINGS		Percentage of total earnings contributed by each description of traffic
	Number	Per cent of total number and tonnage	Amount	Per cent of total earnings from Coaching and from Goods	
COACHING	1st Class	7981	0.58	Rs 66727	5.25
	2nd "	27974	2.04	65015	5.12
	3rd "	1056658	77.11	8,28,839	65.28
	4th "	277,777	20.27	1,13,227	8.92
	Miscellaneous earnings			1,95,896	15.43
	Total	1,370,390.	100 00	12,69,704	100 00
GOODS	Tons				
	Special	75634	43.76	498940	31.56
	1st Class	58535	33.41	479,346	30.32
	2nd "	21066	12.02	236909	14.99
	3rd "	10,931	6.24	1,57,750	9.98
	4th "	3,701	2.11	83,967	5.31
	5th "	1,901	1.09	45,061	2.85
	Government Stores	2,227	1.27	55,253	3.49
	Railway Materials	1,229	0.70	9,984	0.63
	Miscellaneous earnings			13,825	0.87
	Total	175,224	100 00	15,81,035	100 00
Miscellaneous, including electric telegraph, and sundries				1,06,932	3.62
Grand Total				29,57,671	
Less outstanding irrecoverable					
Grand Total				29,57,671	100 00

FINANCIAL RESULTS	COACHING		GOODS		TOTAL (INCLUDING MISCELLANEOUS EARNINGS) AND LESS IRRECOVERABLE OUTSTANDINGS		
	Total	Per passenger train mile	Total	Per goods train mile	Total	Per total train mile	Per open mile per week
Earnings	Rs 12,69,704	Rs A P 4	Rs 56.98	Rs A P 3-1-11	Rs 7096	Rs A P 3-0-10	Rs 132.74
Expenses (M I, page 14)	6,73,877	2-2-	30.24	11,68,383	2-4-11	52.44	18,12,260
Profits	5,95,827	1-14-	26.74	4,12,652	10-52	11,57,411	1-2-5
Percentage of expenses to earnings	53.07	"		73.90	"	62.29	"
Percentage of profits on paid up Capital							

N.B. - Where "ton mileage" is mentioned, it invariably refers to the total ton mileage (Table M I, page 19).
 * These divisions include mixed train mileage, which is obtained by dividing the total number of passenger vehicles run in mixed trains, by the average number of vehicles in a Passenger Train, and the total number of goods vehicle miles in such trains by the average number of vehicles in a Goods Train.
 A similar process will enable composite vehicles to be represented in terms of the vehicles of each class by taking into consideration the number of compartments of each class in such composite vehicles. Thus, a carriage containing one 1st and two 2nd Class compartments is reckoned as 3 of a 1st Class carriage and 3 of a 2nd Class carriage. Vehicles of which a portion is given up to Post Office purposes, are to be treated in the same way.

See note to Table D I. Coaching train mileage 31,7370
 do - do - do - 506,631
 824,001

TABLE B.

Statement showing in comparison the Coaching Traffic of the half-years ending 30th June 1873 and 1874.

Reference to Revenue Account	Sub-head	Details	Number		Fare per Mile		Receipts		Average Mileage	
			1 st Half 1873.	2 nd Half 1874	1 st Half 1873	2 nd Half 1874	1 st Half 1873	2 nd Half 1874	1 st Half 1873	2 nd Half 1874
K H I	1 st Class Passengers—	Single Journey	2745	3965	10 1/2	14 1/8	46939	46127	175.85	129 1/2
		Excess Fares	"	"	22 00	15 00	475	396	"	"
		Return Journey	1962	3918	11 5/2	9 3/3	14,660	17757	124.55	93.28
		Troops and Police	64	59	17 5/8	15 85	1,897	1,189	323 64	279 35
		Total	4771	7942	18 1/2	12 4/4	63,872	65469	157.61	127 40
		Season Tickets	30	39	8 99	7.03	1,346	4,258	957 30	881 15
		2 nd Class—								
		Single Journey	49082	18077	5 1/2	5 7/6	63582	45006	47.85	85.84
		Excess Fares	"	"	8 00	6 50	568	485	"	"
		Return Journey	3124	9,362	4 5/2	4.39	6,963	13781	94.71	64.46
1	Troops and Police	Troops and Police	359	460	7 83	7 11	3,168	4,473	216.44	262 69
		Total	52,565	27,899	6 21	5.44	74,281	63,745	52.04	80.28
		Season Tickets	56	75	4 00	3 05	1,456	1,270	248 11	185 71
		3 rd Class—								
		Single Journey	965,003	935,975	3 07	3 1/2	799,524	753,006	51.16	49.82
		Excess Fares	"	"	4 00	3 50	2,708	3,140	"	"
		Return Journey	123,038	108,238	1 76	1 97	61,529	33,160	54.73	29.78
		Troops and Police	11,544	12,445	3 17	3 41	39,150	39,473	205 15	170 75
		Total	1,099,585	1,056,658	2 93	3 06	893,911	828,839	53 30	49.28
		Season Tickets	"	"	"	"	"	"	"	"
1	4 th Class—	Single Journey	234,755	277,777	2 03	2 02	93,641	113,227	37.80	38 73
		Excess Fares	"	"	"	"	"	"	"	"
		Return Journey	"	"	"	"	"	"	"	"
		Troops and Police	"	"	"	"	"	"	"	"
		Total	234,755	277,777	2 03	2 02	93,641	113,227	37.80	38 73
1	Season Tickets	Season Tickets	"	"	"	"	"	"	"	"
		Season Tickets	"	"	"	"	"	"	"	"

TABLE C-(1).
Comparative Statement showing the weight and earnings of the principal commodities carried during the above half-year

DESCRIPTION	QUANTITY		RECEIPTS		Increase in Quantity	Decrease in Quantity	Increase in Receipts	Decrease in Receipts
	1 st half, 1873	1 st half, 1874	1 st half, 1873	1 st half, 1874				
<i>Bagging (Hulling) -</i>								
<i>Wheat and Flour</i>	60	134	2,348	3,734	74	"	1,386	"
<i>Barley</i>	653	1,679	2,866	4,519	1,656	"	1,653	"
<i>Oats</i>	2,597	4,448	10,905	17,029	"	"	"	376
<i>Feed and other</i>	393	341	3,369	2,030	"	62	"	311
<i>Feed and other</i>	2,742	4,652	26,758	35,513	18	"	124	1,744
<i>Feed and other</i>	407	635	6,391	5,513	"	75	"	982
<i>Feed and other</i>	339	1,104	7,331	748	"	22	"	258
<i>Feed and other</i>	272	212	10,834	16,979	"	19	"	1,104
<i>Feed and other</i>	639	610	1,820	1,074	"	"	"	27,930
<i>Feed and other</i>	2,446	3,730	59,764	57,659	254	"	239	15,908
<i>Feed and other</i>	870	1,134	7,449	7,280	264	"	497	12,621
<i>Feed and other</i>	4,269	24,940	91,971	44,041	"	755	"	4,213
<i>Feed and other</i>	2,163	1,646	50,426	34,818	"	153	"	15,215
<i>Feed and other</i>	4,973	1,810	24,307	11,406	"	507	"	9,344
<i>Feed and other</i>	735	20	6,626	403	"	53	"	2,312
<i>Feed and other</i>	607	"	16,216	"	"	"	2,312	2,312
<i>Feed and other</i>	63	"	2,672	2,048	77	"	2,048	2,048
<i>Feed and other</i>	1513	8,744	63,614	80,811	164	"	899	"
<i>Feed and other</i>	3,692	9,712	4,229	12,945	333	"	439	"
<i>Feed and other</i>	700	4,092	22,354	22,945	29	"	799	"
<i>Feed and other</i>	657	4,552	23,408	22,387	29	"	1,763	"
<i>Feed and other</i>	2,219	1,41	11,565	9,622	14,336	"	24,616	"
<i>Feed and other</i>	449	506	19,860	14,600	2,236	"	4,403	"
<i>Feed and other</i>	1,991	4,127	19,725	40,344	122	"	"	"
<i>Feed and other</i>	480	672	2,714	2,675	21	"	4,403	"
<i>Feed and other</i>	2,971	1,619	24,344	19,657	433	"	8,505	"
<i>Feed and other</i>	"	24	3	19,340	978	"	11,119	"
<i>Feed and other</i>	1,948	610	18,815	46,607	1,137	"	2,976	"
<i>Feed and other</i>	2,700	3,615	16,565	26,544	93	"	4,656	"
<i>Feed and other</i>	2,470	502	82,441	10,097	4	"	"	94
<i>Feed and other</i>	409	3,023	26,923	26,029	4	"	"	9,538
<i>Feed and other</i>	3,966	616	26,733	17,200	430	"	149	"
<i>Feed and other</i>	622	947	9,363	2,857	29	"	"	"
<i>Feed and other</i>	1,805	83	1,206	1,057	11	"	893	"
<i>Feed and other</i>	112	1,457	24,162	16,047	21	"	6,915	"
<i>Feed and other</i>	1,917	20	659	102,004	789	"	1,915	"
<i>Feed and other</i>	8	1,984	40,009	12,5602	16245	"	25,395	"
<i>Feed and other</i>	6,322	23,140	323,033	136,802	430	"	8,816	"
<i>Feed and other</i>	39,385	20,376	162,197	71,962	76	"	14,031	"
<i>Feed and other</i>	23,712	1,302	14,350	1,024	14,657	"	47,112	"
<i>Feed and other</i>	239	163	3,840	49,451	1,686	"	5,652	"
<i>Feed and other</i>	1,302	546	10,202	49,104	284	"	6,7402	"
<i>Feed and other</i>	7,105	2,802	67,316	28,380	1,097	"	2,630	"
<i>Feed and other</i>	4,458	4,475	17,709	14,156	201	"	1,715	"
<i>Feed and other</i>	2,194	4,917	25,682	23,002	352	"	164	"
<i>Feed and other</i>	39,664	3,031	43,875	19,075	201	"	4,846	"
<i>Feed and other</i>	4,917	8,080	19,240	36,841	"	"	"	"
<i>Feed and other</i>	1,039	1,929	26,677	17,066	"	"	"	"
<i>Feed and other</i>	1,977	810	1,3020	"	"	"	"	"
<i>Feed and other</i>	677	"	"	"	"	"	"	"
Total	209,018	173,992	235,610	155,726	"	35,926	"	797,594

* Includes 2,1310 and 10,644,991 on account of W. W. Van Wagoner, District Engineer

TABLE E. MAINTENANCE of Way, Works, and Stations

REFERENCE TO BANK NEW ACCOUNT		1 HALF OF 1874		1 HALF OF 1874		Per mile of line main D 3		Per Truck mile ing D 5		Per Train Mile		Per 1 000 Ton Miles		
Table and Main head	Sub head	Total	Total,	Increase	Decrease	D 3	D 5	As	Rs					
XIV	Train Mileage run for Traffic Dep D I XIV I Ton Mileage do do M I	1049031	967860	"	72181									
		1744925	1690562	"	286367									
		DETAILS												
		1 HALF OF 1874												
		Total												
		Rs	Rs	Rs	Rs	Rs	Rs	Rs	As	Rs				
		SUPERINTENDENCE—												
		1 & 2 Engineer's salaries & allowances	57847	63555	5708	"	7644	69428	1.051	0.376				
		3 to 5 Inspectors' and Plate-layers' salaries and allowances, including over-time	24655	21605	"	3058	2592	23649	0.357	0.128				
		6 Office expenses	26137	27265	1128	"	32777	19807	0.451	0.161				
MAINTENANCE AND RENEWALS OF PERMANENT WAY—														
1 Wages	156620	161909	5289	"	194442	177004	2.777	0.959						
2 Materials	174509	154126	9314	"	161230	146847	2.217	0.795						
REPAIRS OF BRIDGES, &c, WAGES AND MATERIALS—														
1 Bridges and Tunnels	49159	35793	"	13366	43029	39150	0.592	0.212						
2 Miscellaneous	25854	63303	37449	"	76104	69206	1.046	0.375						
REPAIRS OF STATIONS AND BUILDINGS WAGES AND MATERIALS—														
1 Repairs of all except Staff Quarters	30251	27627	"	2624	33212	30203	0.457	0.164						
2 Repairs of Staff Quarters	9238	8797	"	441	10576	9617	0.145	0.052						
MAINTENANCE BY CONTRACT—														
UNCLASSIFIED EXPENDITURE—														
Plantations														
Tools and Plant														
Loss on Stores, &c.														
Chugans (super maintenance)														
TOTAL														

510874	592822	80948	"										
--------	--------	-------	---	--	--	--	--	--	--	--	--	--	--

TABLE F

Locomotive Department Expenses.

Locomotive Department Expenses.									
REFERENCE TO REVENUE ACCOUNT	Table and Main head.	Sub head	1st HALF OF 1873		1st HALF OF 1874		Per 1 000 Train Mile	Per 1 000 Ton Miles	
			Total	Increase	Total	Decrease			
XIV			1,040,031	967,856	"	72,181			
		Train Mileage (D 2, I P 7)							
		Ton Mileage (M L 22, P 16)	197,469, 235	189,705, 624	"	28,683, 607			
		DETAILS	1st HALF OF 1873		1st HALF OF 1874				
			Total	Total	Increase	Decrease.			
		GENERAL SUPERINTENDENCE—	Rs	Rs	Rs	Rs	A	Rs	
	1 & 2	Salaries of Locomotive Superintendents and Assistants, including allowances	11,681	11,367	"	514	0.182	0.067	
	3 to 5	Ditto of Foremen, including allowances and overtime	27,981	27,028	"	153	0.460	1.15	
	6	Office Expenses	14,671	15,638	967	"	0.259	0.093	
	1 & 2	Running Expenses— Wages of Drivers and Firemen, in- cluding overtime	92,420	89,143	"	3,277	1.474	0.520	
	3	Fuelling, cleaning, and looking after Engines	14,280	14,913	633	"	0.216	0.088	
	4	Contingent Expenses	1,534	701	"	833	0.012	0.016	
	1	FUEL— Coal	97,914	1,39,446	41,532	"	2.385	0.825	
	2	Coke	16,577	11,976	"	4,601	1.980	0.71	
	3	Patent Fuel	29,238	13,101	"	16,137	0.216	0.079	
	4	Wood	1,36,352	1,27,800	"	8,552	2.113	0.77	
	1, 2 & 3	WATER— ..	13,179	14,289	1,110	"	0.216	0.077	
	5	OIL, TALLOW, &c— ..	11,448	13,068	1,620	"	"	"	
	6	MAINTENANCE AND REPAIRS— Wages, including overtime	71,136	78,932	7,796	"	"	"	
	1 & 2	Materials	82,813	72,178	"	"	"	"	
	3	SERVICES OF OTHER LINES— UNCLASSIFIED EXPENDITURE—	"	"	"	"	"	"	
TOTAL			6,21,224	630,380	9,158			10,429, 735	
			Total Quantity	Total Quantity	Increase	Decrease	Quantity per Train Mile	Quantity per 1 000 Ton Miles	
	1	Coal consumed	Tons 4,457	Tons 5,363	Tons 1,106	Tons "	lbs 12,413	71.178	
	2	Coke do	518	374	"	144	0.866	4.967	
	3	Patent Fuel do	1,271	546	"	725	1.265	7.245	
	4	Wood do	39,435	28,521	"	1,908	66.023	370.584	

TABLE J.
General Charges.

REFERENCE TO REVENUE ACCOUNT. Table and Sub-head	DETAILS	1 st HALF OF 1973		1 st HALF OF 1974		Cost per Train Mile.
		Total	Total	Increase	Decrease	
IX (E) 1	HOME EXPENDITURE	Rs 54,446	Rs 32,272	Rs "	Rs 19,172	As 0.5544
	INDIAN MANAGEMENT—					
1	Agent's Office, including travelling and other allowances	19,215	20,925	1,710	"	0.346
2	Auditor's Office ditto	26,177	29,928	3,751	"	0.495
3	Accounts Office ditto	6,923	8,949	2,026	"	0.148
4	Pay Master's Office ditto	17,497	18,234	737	"	0.341
5	Store Department ditto	14,609	12,385	"	2,224	0.205
6	Medical Department ditto	10,996	12,526	1,530	"	0.207
7	Rents	360	652	192	"	0.009
8.10	Contingencies, Stationery and Medical	9,775	11,450	1,675	"	0.189
9	Police (Total Charges)	12,058	11,874	"	184	0.196
10	ADVERTISING	1,421	2,397	976	"	0.040
11	Electric Telegraph—					
12	Salaries, &c	23,079	24,420	1,341	"	0.404
13	Maintenance (labour and Stores)	10,402	14,732	4,230	"	0.243
14	CLEARING ACCOUNTS WITH OTHER LINES		"	"	"	"
15	UNCLASSIFIED EXPENDITURE					
16	Loss on Stores					
17	TOTAL	1,06,736	2,00,654	1,33,918	"	3.317.

joined for Row.

Every endeavour has been

TABLE G
Carriage and Wagon Expenses

REFERENCE TO REVENUE ACCOUNT Table and Sub-head	DETAILS	1 st HALF OF 1973		1 st HALF OF 1974		Cost per Train Mile	Cost per 1,000 Vehicle Miles
		Total	Total	Increase	Decrease		
XIV	Train mileage run for Traffic Dept (M XIV 1)	1,44,031	96,850	"	72,181		
	Coaching (M I 8,)	52,449	52,473	33	"		
	Vehicle mileage run for Goods (M I 14,)	10,920	8,678	2,242	"		
	Traffic Dept Total	1,49,297	98,246	"	22,662		
	GENERAL SUPERINTENDENCE—						
	Salaries of Superintendents and allowances	1,781	1,844	53	"	0.020	0.132
	Salaries of Foremen and allowances, including overtime	4,689	4,425	"	264	0.073	0.310
	Office expenses	2,367	2,524	157	"	0.042	0.181
	Repairs and Renewals of Vehicles and Machinery—						

TABLE K.

REFERENCE TO ITEM IN ACCOUNT		DATE OF 1873		DATE OF 1874	
Sub Main head	Sub head	Total	Total	Increase	Decrease
DETAILS					
Housing needs		64	64	64	64
Rigging		64	64	64	64
Fuel		64	64	64	64
Blacksmithing work		64	64	64	64
Steam hoisting rigging		64	64	64	64
Miscellaneous expenditure		64	64	64	64

TABIE I.

Special and Miscellaneous Expenditure		Rs	Rs	Rs	Rs
LAW CHARGES— COMPENSATION— For goods lost or damaged, Personal Injury For other claims RATES AND TAXES—	1	1871	730	"	1,141
	2	5,356	388	"	4,968
	3	772	80	"	692
	4	514	4,801	4,287	"
CONTRIBUTIONS TO SPECIAL FUNDS—					
1	Fire Insurance Fund	20,727	20,727	"	"
2	P W Renewal Fund	"	"	"	"
3	Casualty Fund	"	"	"	"
Total		29,432	27,360	"	2,074
deduct same chargeable to Govt Revenue Fund }		77	404	327	"
TOTAL		29,355	26,956	"	2,391

Railway Department

CONSULTING ENGINEER'S OFFICE

	Train Staff								
1	FUEL, LIGHTING, WATER, AND GENERAL STORES	32,506	31,778	"	678	6,575	2,292		
2	CLOTHING,	30,229	41,817	2,338	"	0,483	2,957		
3	PRINTING, STATIONERY AND TICKETS	3,492	1310	0	2,182	0,022	0,090		
4	CARTRIDGE USED FOR TRAFFIC PURPOSES, AND DELIVERY AND COLLECTION OF GOODS	23,613	24,665	3,337	"	0,446	1,936		
5	MISCELLANEOUS EXPENSES	"	"	"	"	"	"		
6	PAYMENTS TO OTHER LINES—	"	"	"	"	"	"		
7	Hire of Vehicles	"	"	"	"	"	"		
8	Mileage of Foreign Stock	3,208	9,964	6,654	"	0,165	0,716		
9	Expenses at joint stations	"	"	"	"	"	"		
10	UNCLASSIFIED EXPENDITURE	"	"	"	"	"	"		
	TOTAL	273,431	288,522	15,091	0			4,770	20,717

M-IV

Classified cost of working over one mile a vehicle including its freight, also Total cost of carrying over one mile unit of each Description of Traffic.

Details	First Class	Second Class	Third Class	Fourth Class	Carriage Trucks	Horse Boxes	Luggage Vans.	Post Office Vehicles	Goods Vehicles	Cattle Vans	Mineral Trucks
	Pies	Pies	Pies	Pies	Pies	Pies	Pies	Pies	Pies	Pies	Pies
Maintenance ..	6.983	7.135	7.618	7.110	5.399	7.725	8.130	7.070	8.645	6.759	"
Locomotive	8.340	8.522	9.097	9.097	6.446	9.226	9.708	8.455	8.602	6.726	"
Carriage and Wagon ...	1.149	1.149	1.149	1.149	1.149	1.149	1.149	1.149	1.582	1.582	"
Traffic	3.978	3.978	3.978	3.978	3.978	3.978	3.978	3.978	3.978	3.978	"
General	2.828	2.828	2.828	2.828	2.828	2.828	2.828	2.828	2.729	2.729	"
Special and Permanent Way Renewal Fund	0.380	0.380	0.380	0.380	0.380	0.380	0.380	0.380	0.367	0.367	"
Miscellaneous, Other items ...	0.380	0.380	0.380	0.380	0.380	0.380	0.380	0.380	0.367	0.367	"
Total	23.658	23.992	25.050	25.050	20.180	25.706	26.173	23.868	25.903	22.141	"
Cost per unit	12.695	9.062	1.093	1.053	27.403	22.020	31.245	"	7.073	24.080	"

* The cost as per M-III. to be divided by the Vehicle mileage for each class of traffic [M-I(a)]
 The above totals to be divided by the average contents of each Vehicle [M-Ic (for numbers) d (for weights)]

M-V.

Statement showing in comparison the receipts and the carrying cost per unit per mile of Coaching and Merchandize Traffic.

Details	Average receipt per unit per mile (a).	Actual cost per unit per mile (b)	Profit per unit per mile.	Loss per unit per mile.	Proportion per cent. of profits to receipts.
	Pies.	Pies.	Pies	Pies	
Coaching —	12.247	12.695	"	0.448	"
1st Class	15.381	9.062	"	3.681	64.235
2nd "	13.056	1.090	"	"	47.905
3rd "	1.021	1.053	1.963	"	"
4th "	25.055	27.403	0.968	1.548	"
Carriages	14.385	22.020	"	7.635	41.207
Horses	33.144	31.245	21.899	"	"
Luggage	"	"	"	"	26.386
Post Office Vehicles	9.695	7.073	2.822	6.656	"
Merchandise, including Government Stores and Railway materials ...	7.424	24.080	"	"	"
Cattle	"	"	"	"	"
Minerals	"	"	"	"	"

(a) Total receipts under each class as per Revenue Account divided by the total mileage of that Class [I. b.]
 (b) To be taken from M-IV

Madras
 27 August 1975

looked for 2000.

2

Every endeavour has been

W. A. C. S. R. E. Captain
 for Genl. Comr. for Railways

Railway Department.

CONSULTING ENGINEER'S OFFICE

No. 48 *Madras 24 August 1875*

From
LIEUT COLONEL J. H. M. SHAW STEWART, R.E.,
Consulting Engineer for Railways,

To *Major General*
G. W. WALKER, R.E.,
Secretary to Government,
Public Works Department,
Fort Saint George

SIR,

*I have the honour to enclose
the analysis of the Revenue Account of the
Madras Railway for the first half of
1874. The delay in submission is due
to press of work, and to the late receipt of
some of the information from the Railway
Company. In order to ensure earlier des-
patch in future, the preparation of this re-
turn has been made over to the Examiner
of Railway Accounts, and the analysis
for the second half of 1874, may be
looked for soon.*

2.

Every endeavour has been

made to render the Tables as complete as possible. The only point still wanting is the average mileage of excess fares in table B, which will be supplied in future.

3. The information under E-I and 8, is now entered for the first time, and though not strictly accurate, is believed to be a fair approximation to the actual figures. It has been obtained by taking out the train mileage in divisions according to the distribution of the different kinds of rails, applying thereto a coefficient for the nature of the gradients on each division, and multiplying by the average weight of a train, for the low mileage.

4. There appears to be nothing in the Tables to call for special remark.

5. It is requested that the analysis may be printed in the usual form separately from this letter and the order thereon.

I have the honor to be
Sir
Your most obedient servant.
Wm. R. E. ; Captain
for some Engineers for Railways

P. W. 1895 Sept.

RAILWAY DEPARTMENT
No: 5545

From
The Consulting Engineer,
for Railways,

To
The Secretary to Government,
P W Department,

Dated 27th Aug 1895
Recd 28th Aug 1895

£1,171.48

Substantiating Memo

of the Revenue Account

of the Machine Planting

for the year 1894

1894

With Notes

Printed in
the
Government
Press

Ordered that this Memo be forwarded
to the Secy of Justice
for the Secy of Justice
for the Secy of Justice
for the Secy of Justice

1895 6 cc 4-6 of Revenue Dept
1895 6 cc 4-6 of Revenue Dept
1895 6 cc 4-6 of Revenue Dept
1895 6 cc 4-6 of Revenue Dept

1895 6 cc 4-6 of Revenue Dept
1895 6 cc 4-6 of Revenue Dept
1895 6 cc 4-6 of Revenue Dept
1895 6 cc 4-6 of Revenue Dept

1895 6 cc 4-6 of Revenue Dept
1895 6 cc 4-6 of Revenue Dept
1895 6 cc 4-6 of Revenue Dept
1895 6 cc 4-6 of Revenue Dept

DEPT. OF JUSTICE
PUBLIC WORKS

Highway
Sub. of Public
Works
No. 100
Sept 10, 1914

NOS

of the New York
City for the purpose
of the Highway - Ordered
that the
be forwarded to the
Commissioner of the New
York City for the purpose
of the Highway -