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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

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Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
7th June 1867.*

493. Read the following letter from the Consulting Engineer for Railways, to the Secretary to Government, Public Works Department, Fort Saint George, dated Madras, 7th June 1867, No. 173.—

1. I have the honour to forward the Revenue Accounts and Traffic Analysis of the Madras South-West Line,* including the Bangalore† Branch and of the North-West‡ Line as far as Moodanoor, for the half-year ending 31st December 1866.

* Miles 407
† Do 85
‡ Do 153

2. The number of Miles run by ordinary trains during each day in the half-year, were as follow:—

	Week days	Sundays
South-West Line	2,737	1,416
Bangalore Branch	507	338
North-West Line	755	307

3. The Passengers' fares during the half-year ending the 31st December 1866, were,—

1st Class—By day Trains .. .	18 Pies per mile.
By night Trains .. .	22 do.
2nd Class.—By day Trains .. .	6 do.
By night Trains	7 do.
3rd Class.— .. .	3 do.

with free luggage of 40, 25, and 15 lbs. respectively.

4. The Goods rates were—

Special Class .. .	8 Pies per ton per mile.
1st Class .. .	12 do. do.
2nd do. .. .	14 do. do.
3rd do. .. .	16 do. do.
4th do. .. .	24 do. do.
5th do. .. .	36 do. do.

The above are the ordinary rates for passengers and goods, and the same as those charged during the previous half-year.

5. Special rates were charged for the conveyance by rail of salt, iron, iron-shot, timber, cotton, stone, coffee, cigars, horses, palmirahs, and carriages.

6. The average distances travelled by each class of passengers and goods were—

	South-West Line. Miles 492	North-West Line. Miles 153
<i>Passengers.</i>		
1st Class .. .	156 083	90 865
2nd do. .. .	66 757	56 353
3rd do .. .	50 808	36 254
<i>Goods</i>		
Special Class .. .	50 8	49 2
1st Class .. .	124 9	55 4
2nd do. .. .	105 8	124 0
3rd do.	145 5	89 6
4th do. .. .	142 4	120 5
5th do. .. .	98 6	138 4

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There is a considerable increase of Passengers' mileage compared with that of the former half-year, especially in the first class; the only exception being for the third class on the North-West Line, in which there is a falling off of about three miles.

7. In the Goods' mileage there is a general decrease, the average of all classes united being 118 3, as compared with 125 6 of the last half-year.

8. The aggregate receipts, with the nature and amount of traffic upon the South-West and North-West Lines, compared with the corresponding half-year of 1865, are given in the following Statements:—

	Half-year ending 31st December 1866			Half-year ending 31st December 1865			Increase	Decrease
	RS.	A.	P.	RS.	A.	P.	RS.	RS.
<i>South-West Line.</i>								
Passengers	7,45,639	9	1	8,10,753	4	3		
Merchandise	12,08,133	13	9	11,65,499	9	0		
Railway materials	52,636	14	10	68,656	15	9	42,634	65,113
Miscellaneous	73,309	15	3	50,240	10	9		
Total.	20,79,720	4	11	20,95,150	7	9	23,069	16,020
Expenditure	10,16,509	0	8	9,23,795	6	2	92,714	15,430
Profit	10,63,211	4	3	11,71,355	1	7		
Length of line open Miles	492			492				1,08,144
Expenditure on Capital in India and in England Rupees	619,07,390			574,83,103			44,21,287	
Half-yearly per-centage of profit	1 72			2 03				0 31
<i>Number of Passengers.</i>								
First Class	4,278			5,316				1,063
Second do.	32,558			44,607				12,019
Third do.	6,73,454			7,22,365				48,911
<i>Tons of Goods</i>								
Merchandise	1,40,662			1,35,338			5,324	
Railway materials	14,703			19,320				4,617
Number of Trains	3,675			4,501				826
Average mileage of Trains ...	158 5			130 4			28 1	
<i>Average contents of each Vehicle</i>								
Passengers—First Class No	2 1			2 6				0 5
Second do.	5 5			5 9				0 4
Third do.	35 3			29 3			6 0	
Goods Tons	2 5			2 7				0 2
Average receipt per week. Rs.	79,989			80,583				594
Do per mile of Railway open Rupees	4,227			4 258				31 0
Do per Train mile	3 56			3 57				0 01
Do per Engine mile	3 14			3 26				0 12

9. The decrease in receipts from Passenger Traffic is balanced by increase from Goods and Miscellaneous; and the total receipts differ but slightly from those of the half-year ending December 1865. The expenditure, however, has largely increased, chiefly under the head of repairs of Permanent Way, and the net receipts show a falling off of upwards of a lac of Rupees. This, combined with the increased expenditure on Capital Account, lowers the per-centage of profit for the half-year to

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1.72, or to 3 44 per cent. per annum, compared with 4.06 for the last half-year of 1865. There is a marked falling off in the contents of first and second class Passengers carriages, which must be attributed, in a great measure, to the raising of the fares from 1st November 1865. The number of third class passengers per vehicle continues very favourable, fifty being the maximum number a carriage is capable of carrying. The average number of tons conveyed by each goods wagon has fallen off, and is only half the full load at a moderate estimate.

	Half-year ending 31st December 1866			Half-year ending 31st December 1865.			Increase.	Decrease.
	RS.	A.	P.	RS.	A.	P.	RS.	RS.
<i>North-West Line</i>								
Passengers	1,19,074	0	4	96,880	15	4	22,193	
Merchandise	1,58,981	10	8	1,80,722	15	1		21,741
Railway materials	86,627	14	7	79,329	7	6	7,298	
Miscellaneous	5,529	8	0	3,694	7	6	1,835	
Total.	3,70,213	1	7	3,60,627	13	5	9,585	
Expenditure	1,19,881	15	0	97,438	5	8	22,444	
Profit	2,50,331	2	7	2,63,189	7	9		12,858
Average length of line open Miles	148			106			42	
Expenditure on Capital in India and in England Rupees	165,69,031			123,50,577			42,18,504	
Half-yearly per-centage of profit	1 51			2 13				0 62
<i>Number of Passengers</i>								
First Class	272			228			44	
Second do.	2,175			2,164			11	
Third do.	1,78,938			1,49,820			29,118	
<i>Tons of Goods</i>								
Merchandise	30,275			29,591			684	
Railway materials	8,649			12,284				3,635
Number of Trains	1,464			1,471				7
Average mileage of Trains ...	70.4			57.4			13 0	
<i>Average contents of each Vehicle</i>								
Passengers—First Class No.	1.1			1 0			0 1	
Second do.	2 5			2 8				0 3
Third do.	30 2			33 6				3 4
Goods Tons	2 7			2 8				0.1
Average Receipt per week, Rs	14,239			13,870			369	
Do per mile of Railway open Rupees	2,501			3,402				901
Do per Train mile	3 59			4 27				0 68
Do per Engine mile	3 21			3 84				0 63

10. The results of the half-year's working on the North-West Line are very similar to those of the South-West Line, and no remark seems necessary.

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SOUTH-WEST LINE.

Expenditure during the half-years ending

	31st December 1866			31st December 1865			Increase.			Decrease		
	RS.	A	P	RS.	A	P	RS.	A	P	RS.	A	P
Locomotive Department	3,44,507	8	0	3,77,477	3	5	..	....	..	32,969	11	5
Repairs of Carriages .	46,077	12	3	26,843	15	4	19,233	12	11	..	..	..
Traffic Department .	1,76,303	4	5	1,58,325	7	10	17,977	12	7	..	..	..
Telegraph do ...	19,388	0	11	22,562	6	6	..	....	..	3,174	5	7
Permanent Way	3,69,825	1	5	2,68,652	7	7	1,01,172	9	10	..	..	..
Ballasting	6,925	7	4	18,279	3	9	..	....	..	11,353	12	5
General Charges . .	35,597	13	11	33,851	12	3	1,746	1	8	..	..	..
Fire Insurance Fund	17,884	0	5	17,802	13	6	81	2	11	..	....	..
Total ..	10,16,509	0	8	9,23,795	6	2	92,713	10	6	..	..	..

NORTH-WEST LINE

Expenditure during the half-years ending

	31st December 1866			31st December 1865			Increase			Decrease		
	No of Miles open, 153			No of Miles open, 119.			RS. A. P.			RS. A. P.		
	RS.	A	P	RS.	A	P	RS.	A	P	RS.	A	P.
Locomotive Department	58,508	10	8	26,752	12	3	31,755	14	5	..	..	..
Traffic do	28,982	2	7	9,262	12	3	19,719	6	4	..	..	..
Telegraph do	1,760	11	10	734	15	2	1,025	12	8	..	..	..
Permanent Way ..	23,602	7	2	16,441	3	10	7,161	3	4	..	..	..
General Charges ..	3,876	6	8	1,223	14	0	2,652	8	8	..	..	..
Fire Insurance Fund .	3,151	8	1	2,885	14	2	265	9	11	..	..	..
Total ...	1,19,881	15	0	57,301	7	8	62,580	7	4	..	..	..

11. The gross weight, that is the weight of the trains, engine, and tender, with the loads, carried during the half-year over a distance of one mile, was—

	South-West Line.	North-West Line
Tons ..	103,628,410	16,099,798

which corresponds very closely with the gross weight conveyed for the half-year ending 31st December 1865, and as the net receipts for the latter exceed those for the half-year under consideration, the receipts per ton of gross weight have diminished. This is attributable to a smaller load having been conveyed by the Goods Wagons.

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12. The net receipts from the four principal classes of traffic were per ton per mile as follow.—

	Half-year ending 31st Dec 1866		Half-year ending 31st Dec 1865.		Increase		Decrease.	
	S - W Line	N - W. Line	S - W. Line	N - W. Line	S - W Line.	N - W Line	S - W Line	N - W. Line.
PASSENGERS.	Pies	Pies.	Pies.	Pies	Pies	Pies	Pies	Pies
First Class	1 7 3	0 60	1 69	0 12	0 04	0 48	..	..
Second do	1 93	0 45	1 69	0 31	0 24	0 14	..	..
Third do	7 81	7 28	6 63	8 31	1 18	..	..	1 03
Goods ..	1 28	2 39	1 50	2 73	..	..	0 22	0 34

13. The annexed Statements show the number of passengers of each class, and the receipts realized.

SOUTH-WEST LINE

	Miles open, 493 Half year ending 31st Dec 1866		Miles open, 493 Half year ending 31st Dec 1865		Increase		Decrease		Per-centage of Increase		Per centage of Decrease	
	No	Receipt.	No	Receipt	No	Receipt	No	Receipt	No	Receipt	No	Receipt
PASSENGERS	RS		RS		RS		RS		RS		RS	
First Class ..	4,273	57,636	5,316	60,177	..	..	1,068	2,541	..	..	19 98	4 23
Second do	32,558	70,472	41,607	78,576	..	..	12,049	8,104	..	..	27 01	10 31
Third do ..	6,73,454	5,27,111	7,22,365	5,59,984	..	..	48,911	32,873	..	..	6 77	5 87

NORTH-WEST LINE

	Miles open, 113 Half year ending 31st Dec 1866		Miles open, 119 1/2 Half year ending 31st Dec 1865		Increase		Decrease		Per-centage of Increase		Per centage of Decrease	
	No	Receipt.	No	Receipt	No	Receipt	No.	Receipt	No	Receipt	No	Receipt
PASSENGERS	RS		RS		RS		RS		RS		RS	
First Class	272	2,226	223	1,299	41	927	..	..	19 30	71 36	..	..
Second do	2,175	4,060	2,164	2,622	11	1,438	..	..	0 51	54 84	..	..
Third do ..	1,78,938	1,00,368	1,49,820	83,036	29,118	17,332	..	..	19 43	20 87	..	..

14. It will be observed that the Third Class Passengers' Traffic continues to be far more remunerative than any other.

15. The increase in numbers and receipts on the North-West Line is satisfactory, being nearly in proportion to the additional length of line open.

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16. The results of the half-year's operation are not, on the whole, favourable. But the season was an unusually bad one, and the produce of the country, generally, was far below the average. The general distress also which prevailed among the lower classes, must have had the effect of diminishing the number of travellers.

17. The Goods Traffic was, however, mainly affected by the falling off in the demand for cotton at the former high prices. The quantity conveyed during last half-year was less than one-sixth of that conveyed during the half-year ending 31st December 1865, (99,700 maunds and 6,01,000 maunds, respectively,) and the receipts from this article were only Rupees 97,915 as compared with 3,72,362.

SOUTH-WEST LINE.

Goods, &c.	Half year ending 31st Dec 1866		Half-year ending 31st Dec 1865		Increase		Decrease.		Per-centage of Increase		Per-centage of Decrease	
	Tons.	Receipts Rs.	Tons.	Receipt Rs.	Tons	Rupees.	Tons	Rupees	Tons.	Rupees	Tons	Rupees
Merchandise, &c	1,40,662	12,08,134	1,35,338	11,65,500	5,324	42,634	...	..	3 93	3 65	..	...
Railway materials	14,704	52,636	19,320	68,657	...	...	4,616	16,021	...	...	23 89	23 33
Miscellaneous ..		73,810	...	50,241		23,069	...	..		45 91		...

NORTH-WEST LINE

Goods, &c												
Merchandise, &c	30,275	1,58,982	29,591	1,80,723	684	..	...	21,741	2 31	...	...	12 03
Railway materials	8,619	86,628	12,284	79,329	...	7,299	3,635	...	...	9 20	29 75	...
Miscellaneous ..	...	5,530	.	3,694	...	1,836	..	...	...	49 70	...	...

18. The working expenses for the South-West and North-West Lines were 48 88 and 32 38 per cent., respectively, of the gross receipts. These expenses, I regret to observe, are gradually increasing at least on the South-West Line. For the half-year ending 30th June 1866, the per-centage upon gross earnings was 46 61, and 32 94 on South-West and North-West Lines, respectively; and for the half-year ending 31st December 1865, it was 44 10 and 27 02.

19. The higher rate of expenditure on Revenue account, during the past half-year, is chiefly attributable to the increased charges in the Engineering Department, partly in consequence of five months of maintenance expenditure on the Bangalore branch having fallen upon Revenue, the branch having been opened in August 1864; and partly to the value of tools in stock in the several Engineering Divisions having also been charged off to Revenue.

20. The return of late trains shows a considerable increase in the number of detentions, as compared with the working for the half-year ending 31st December 1865. The principal delays have, however, occurred by trains running short journeys, and by those on the branch lines. Recently, there has been a considerable improvement in the working of the trains, generally; and several of the shorter trains have been allowed a longer time for performing the journey; I anticipate in consequence a considerable reduction in the number of detentions for the current half-year. There have been no delays by serious accidents.

RAILWAY.
Proceedings of the Madras Government, Public Works Department.
24th June 1867.

1862, and 85 Miles from Jollarpett to Bangalore.
Half-year ending December 1866.

Dr.

PAYMENTS.		Per cent of Revenue	RECEIPTS	
To Locomotive Department			By Coaching.	
Salary of Superintendent and Office expenses	...		First Class Passengers	No ..
Foremen, Enginemen, and Firemen's wages	...		Second do.	..
Wages of Labourers, Cleaners, &c	...		Third do.	..
Coke, Coal, and Wood consumed	...			
Oil, Tallow, Waste, &c....	...		Return Fares	{ 1st Class ..
Materials for Repairs of Engines and Tenders	...			{ 2nd do ..
Wages for do do	9	16 57		{ 3rd do ..
Repairs of Carriages and Waggon	...		Soldiers	{ 1st Class ..
Superintendence	...			{ 2nd do ..
Wages	...			{ 3rd do ..
Stores	...	1 76	Excess Fares	{ 1st Class ...
Renewing Coupling and Safety Chains, &c	...	46		{ 2nd do. ...
				{ 3rd do .
To Traffic Department			By Goods.	
Salaries of Traffic Manager and Assistant	...		Parcels	...
tion Masters and Clerks	...		Banghy Parcels	...
Salaries of Guards	...		Passengers' Luggage	...
Wages of Porters, Greasemen, &c.	...		Horses, Carriages, and Dogs	...
Wages of Gatemen, Pointsmen, &c.	...		Special Trains	...
Cost of Grease	...			
Cost of Oil in lighting Stations, Signals,	...			
Cost of Tickets issued	...			
Advertising, Printing, and Stationery	...			
Stores not otherwise classified	...			

Maunds 3,828,673-17 of Merchandise conveyed
Maunds 400,217-18 of Materials conveyed
Live Stock
Rent and Demurrage

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16. The results of the half-year's operation are not, on the whole, favourable. But the season was an unusually bad one, and the produce of the country, generally, was far below the average. The general distress also which prevailed among the lower classes, must have had the effect of diminishing the number of travellers.

17. The Goods Traffic was, however, mainly affected by the falling off in the demand for cotton at the former high prices. The quantity conveyed during last half-year was less than one-sixth of that conveyed during the half-year ending 31st December 1865, (99,700 maunds and 6,01,000 maunds, respectively,) and the receipts from this article were only Rupees 97,915 as compared with 3,72,362.

SOUTH-WEST LINE.

Goods, &c.	Half-year ending 31st Dec 1866		Half year ending 31st Dec 1865		Increase		Decrease.		Per-centage of Increase		Per-centage of Decrease	
	Tons	Receipts Rs.	Tons	Receipt Rs.	Tons	Rupees	Tons	Rupees	Tons	Rupees	Tons	Rupees
Merchandize, &c	1,40,662	12,08,134	1,35,338	11,65,500	5,324	42,634	...	.	3 93	8 65	.	...
Railway materials	14,704	52,636	19,320	68,657	.	...	4,616	16,021	..	...	23 89	23 33
Miscellaneous ..	..	73,310	..	50,241	..	23,069	..	.	...	45 91	.	...

NORTH-WEST LINE

Goods, &c	Tons	Receipts Rs.	Tons	Receipt Rs.	Tons	Rupees	Tons	Rupees	Tons	Rupees	Tons	Rupees
Merchandize, &c	30,275	1,58,982	29,591	1,80,723	684	.	...	21,741	2 31	...	..	12 03
Railway materials	8,649	86,628	12,284	79,329	...	7,299	3,635	...	..	9 20	29 75	...
Miscellaneous ..	...	5,530	.	3,694	...	1,836	..	...	...	49 70	...	...

18. The working expenses for the South-West and North-West Lines were 48 88 and 32 38 per cent., respectively, of the gross receipts. These expenses, I regret to observe, are gradually increasing at least on the South-West Line. For the half-year ending 30th June 1866, the per-centage upon gross earnings was 46.61, and 32.94 on South-West and North-West Lines, respectively; and for the half-year ending 31st December 1865, it was 44.10 and 27.02.

19. The higher rate of expenditure on Revenue account, during the past half-year, is chiefly attributable to the increased charges in the Engineering Department, partly in consequence of five months of maintenance expenditure on the Bangalore branch having fallen upon Revenue, the branch having been opened in August 1864; and partly to the value of tools in stock in the several Engineering Divisions having also been charged off to Revenue.

20. The return of late trains shows a considerable increase in the number of detentions, as compared with the working for the half-year ending 31st December 1865. The principal delays have, however, occurred by trains running short journeys, and by those on the branch lines. Recently, there has been a considerable improvement in the working of the trains, generally; and several of the shorter trains have been allowed a longer time for performing the journey; I anticipate in consequence a considerable reduction in the number of detentions for the current half-year. There have been no delays by serious accidents.

A.
MADRAS RAILWAY, SOUTH-WEST LINE, No. 1.
MADRAS TO BEYPORE AND BANGALORE BRANCH.
Distribution of Working Expenses for the Half-year ending 31st December 1866.

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24th June 1867.*

Average contents of each Vehicle.	Weight of average contents	Weight of each loaded Vehicle	Constitution of Train	Weight of Engine and Tender shared.	Weight of loaded Train	Average Mileage of Train	3,675 Trains	Maintenance of Way and Works	Locomotive Department	Fuel	Coaching.	Tickets	Repairs of Vehicles.	Electric Telegraph.	General charges	Total working expenses of each class.
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Persons.	Tons	Tons.	No.	Tons.	Tons	Miles	Tons	RS. A. P.	RS. A. P.	LS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
2 144	0.118	7 018	0.535	1.112	4 867	158.53	2,835,503	10,903 7 4	5,528 2 1	4,236 1 6	7,385 0 2	129 15 3	1,279 6 10	1,056 10 4	1,496 3 5	32,014 14 11
5 583	0.308	6 548	0.668	1 295	5 669		3,302,747	12,700 2 8	6,439 1 2	4,934 2 8	8,601 15 0	151 5 11	1,490 4 1	1,230 12 2	1,742 12 2	37,290 7 10
35 384	1.950	8 090	1.660	3 975	17 404		10,139,531	38,989 14 2	19,763 2 5	15,147 15 3	26,408 3 2	464 11 4	4,575 2 1	3,778 7 7	5,350 5 4	1,14,482 13 4
Tons 0 303	0.203	7 063	1.047	2 189	9 584		5,583,617	21,470 14 0	10,885 14 2	8,341 10 3	14,542 6 7	....	2,519 6 9	2,080 11 7	2,946 4 11	62,787 4 3
II 1284 0.916	0.218	7 298	0.346	0 747	3.272		1,906,260	7,330 3 3	3,716 7 6	2,847 13 8	4,964 13 0	.....	869 2 3	710 5 10	1,005 13 11	21,435 11 5
Carriages 2 518	1.203	6 213	0.017	0 087	0 380	136 6.7	221,387	851 4 11	431 9 10	330 11 9	5.6 9 7	....	99 14 3	82 8 0	116 13 2	2,489 7 6
Tons 2 519	2.519	8 419	12.528	31.224			79,639,365	2,84,504 10 5	1,50,282 4 10	1,11,617 6 11	1,13,078 4 5	.....	35,253 8 0	10,418 9 5	22,939 9 0	7,28,124 5 0
Total ..							193,623,410	3,76,750 8 9	1,97,051 10 0	1,47,455 14 0	1,75,557 3 11	748 0 6	46,077 12 3	19,388 0 11	35,597 13 11	9,98,625 0 3

(Signed) J. C. ANDERSON, Lieut.-Colonel, R. E.,
Consulting Engineer for Railways.

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B.
 MADRAS RAILWAY, SOUTH-WEST LINE, No. 2.
 MADRAS TO BELPORE AND BANGALORE BRANCH.
 Receipts, Expenditure, and Profits for the Half-year ending 31st December 1866.
 3,675 Trains.

	Number of Passengers, &c	Receipts	Expenditure	Profit and Loss.		Receipts from each Passenger, &c	Expenditure for each Pas- senger, &c.	Profit and Loss on each Passenger, &c.		Average Mileages.	Receipts per Passenger, per mile.	Expenditure per Passenger, per mile.	Profit and Loss per Passenger, per mile.		Number of Vehicles run.	Receipts from each Vehicle	Expenditure for each Vehicle	Profit and Loss on each Vehicle.		Average Mileage of Train.	Receipts per Vehicle, per mile.	Expenditure per Vehicle, per mile	Profit and Loss per Vehicle, per mile.	
	1	2	3	4		5	6	7		8	9	10	11		12	13	14	15		16	17	18	19	
	Persons.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	Miles	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	No.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	Miles.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Class I	4,278	57,635 9 7	32,014 14 11	25,020 10 8	....	13 7 6 73	7 7 8 86	5 15 9 67	.....	150 083	0 1 4 57	0 0 9 20	0 0 7 37	.	1,951	29 8 7 98	16 6 6 62	13 2 1 36	.....	158 53	0 2 11 78	0 1 7 87	0 1 3 91	.....
Class II	32,558	70,472 5 0	37,290 7 10	33,181 13 2	....	2 2 7 59	1 2 3 91	1 0 3 63	..	66 757	0 0 6 33	0 0 3 9	0 0 2 94	.....	2,630	26 12 8 75	14 2 10 35	12 9 10 40	.....		0 2 8 45	0 1 5 17	0 1 3 28	....
Class III	6,73,454	5,27,111 6 2	1,14,482 13 4	4,12,623 8 10	..	0 12 6 28	0 2 8 64	0 9 9 64	..	56 808	0 0 2 96	0 0 0 64	0 0 2 32	....	8,327	63 4 9 88	13 11 11 09	49 8 10 19	.....		0 6 4 67	0 1 4 65	0 5 0 02	..
Brake	1,833 422	56,283 11 3	62,787 4 3	.....	6,498 9 0	30 9 10 66	34 2 5 38	.....	3 8 6 72	100 413	0 4 10 54	0 5 5 30	...	0 0 6 76	4,249	13 3 11 52	14 12 5 17	...	1 8 5 65		0 1 4 04	0 1 5 90	.....	0 0 1 86
Horse Box	1,368 1,236	29,792 7 2	23,925 2 11	5,867 4 3	..	9 14 10 08	7 15 6 70	1 15 3 33	....	170 659	0 0 11 17	0 0 8 47	0 0 2 20	.....	1,836	16 3 7 55	13 0 5 93	3 3 1 57	.....		0 1 7 65	0 1 3 78	0 0 3 87	.....
Carriage Truck ..	397																							
Goods Vehicles ...	155,365 402	12,60,770 12 7	7,28,124 5 0	5,32,646 7 7	..	8 1 10 00	4 10 11 80	3 6 10 26	.....	118 821	0 1 1 17	0 0 7 60	0 0 5 57	.	87,238	14 7 0 89	8 5 5 41	6 1 7 48			1 5 49	0 0 10 10	0 0 7 39	..
Telegraph Receipts ...	...	5,090 8 6																						
Miscellaneous do ...	.....	6,219 6 9																						
Special Trains ...	...	4,339 1 11																						
Total Receipts	..	20,79,720 4 11																						

MADRAS,
 7th June 1867.

(Signed) J. C. ANDERSON, Lieutenant Colonel, R. E.,
 Consulting Engineer for Railways.

MADRAS RAILWAY.
Statement of Expenditure on Maintenance of Way and Works, South-West Line.

Half-years ending	Maintenance.	Masonry.	Earth-work and Fencing.	Stations	Bungalows and Plate layers' Huts.	Ballasting.	Superintendence.	Miscellaneous.	Value of Stores expended	Grand Total
December 1866	RS. A. P. 1,20,611 9 0	RS. A. P. 9,052 10 8	RS. A. P. 9,662 7 10	RS. A. P. 11,418 10 3	RS. A. P. 2,389 7 10	RS. A. P. 8,467 4 5	RS. A. P. 56,700 11 11	RS. A. P. 4,843 5 0	RS. A. P. 1,53,604 5 10	RS. A. P. 3,70,750 8 9
Do. 1865	94,856 10 0	6,200 8 0	17,790 8 0	4,586 8 0	2,457 8 0	16,898 2 3	49,979 11 7	2,224 4 0	91,937 15 6	2,80,931 11 4
Increase ..	25,754 15 0	2,852 2 8	...	6,832 2 3	...	...	6,721 0 4	2,619 1 0	61,666 6 4	89,818 13 5
Decrease	...	.....	8,128 0 2	...	68, 0 2	8,430 13 10	...	...	...	...
Per Mile, December 1866 ..	252 5 2	18 15 0	20 3 5	23 14 3	5 0 0	17 11 5	118 9 11	10 2 1	221 5 7	784 2 10
Do. do. 1865 ..	233 1 0	15 3 9	43 11 5	11 4 4	6 0 7	41 8 4	122 12 9	5 7 5	225 14 3	704 15 10

Stores expended for Maintenance of Way and Works, South-West Line.

Half-years ending	Sleepers, iron, pot.	Sleepers, pickled.	Sleepers, country wood.	Cotters.	Gibs.	Tie-bars.	Chairs	Trenails, iron.	Trenails, wooden.	Keys.	Fish plates	Fish bolts and nuts	Points and crossings	Sleepers, teak-wood	Iron spikes
December 1866	21,803	13,097	19,316	28,492	27,822	12,904	...	...	...	...	...	...	...	10	...
Do. 1865	25,440	167	22,063	22,138	22,168	11,236	...	...	...	...	...	...	...	...	...
Increase ..	...	12,930	...	6,354	5,654	1,668	...	...	...	...	...	...	...	...	...
Decrease...	3,637	...	2,747	...	...	...	...	...	...	...	...	...	...	10	...

Half-year ending December 1865, 407 Miles maintained by Revenue.

MADRAS,
30th April 1867.

Do. do. 1866, 407
492
(Signed) A. K. THOMSON,
Chief Accountant.

do. do. for 1 month. }
do. do. for 5 months } Average
(Signed) R. B. ELWIN,
Agent and Manager

(Signed) J. C. ANDERSON, Lieut -Colonel, R. E.,
Consig Engr. for Railways.

MADRAS RAILWAY.
 Abstract of Expenditure for Working and Upholding Locomotive Engines for the Half-year ending 31st December 1866.

Total miles run by Engines		Foremen, Enginemen, and Firemen's wages.		Cleaner's, Cokemen's, and Watermen's wages.		WORKING.														Cost of Working.		REPAIRS.				Proportion of Superintendent's salary and Establishment.		Total cost of upholding Engines and Tenders.																																																										
						Coke consumed				Coal consumed.				Wood consumed.				Cost of Oil, Tallow, Waste, &c.				Cost of Repairs of Engines and Tenders.																																																																
		Quantity.		Cost		Quantity		Cost.		Quantity.		Cost.		Total cost of Fuel per mile.	Total.	Per Engine mile.	Materials.					Wages.	Total.	Per Engine mile.	Total.			Per Engine mile.																																																										
		Cwts	Per Engine mile.	Total.	Pounds of Coke per Engine mile.	Cwts	Pounds per Engine mile.	Total.	Per Engine mile.	Pounds.	Pounds per Engine mile.	Total.	Per Engine mile.																																																																									
		RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.																																											
South-West Line.	660,970	71,822	0	9	0	1	8	88	19,334	11	2	0	0	5	62	11,731		18,748	1	8	0	0	5	4	54,049½		67,561	14	0	0	1	7	6	40,762,964		61,145	14	4	0	1	5	8	0	3	6	8	20,602	6	0	0	0	5	98	2,59,214	15	11	0	6	3	3	26,475	9	4	45,994	5	6	72,469	14	10	0	1	8	9	12,822	9	3	0	0	3	7	3,44,507	8	0	0	8	4
North-West Line.	115,326	9,776	10	0	0	1	4	28	3,487	3	11	0	0	5	81	179½		287	3	2	0	0	0	47	305		381	4	0	0	0	0	65	8,758,200		13,137	4	10	0	1	9	8	0	1	0	9	4,951	3	7	0	0	8	24	32,020	13	6	0	4	5	3	6,403	1	9	9,764	1	8	16,167	3	5	0	2	2	9	2,941	1	6	0	0	4	9	51,129	2	5	0	7	1

Cost of Repairs including Labour and Materials of Carriages and Waggons for the Half-year ending 31st December-1866.

	Cost.					
	Workmen's wages.	Materials.	Stores.	Proportion of Superintendent's salary and Establishment.	Total.	Per Engine mile.
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
South-West Line	18,791 11 3	25,074 3 8	.....	2,211 13 4	46,077 12 3	0 1 1·38
North-West Line... ..	3,003 4 3	4,015 11 1	.....	360 8 11	7,379 8 3	0 1 0·2

Abstract.

	Cost of upholding Engines and Tenders per mile, exclusive of fuel.	Cost of upholding Engines and Tenders per mile, inclusive of fuel.	Cost of repairs of Carriages and Waggons, per mile	Total expenditure for Locomotive and Carriage Department, per mile.
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
South-West Line	0 4 9·2	0 8 4	0 1 1·38	0 9 5·38
North-West Line	0 5 2·2	0 7 1·12	0 1 0·2	0 8 1·14

MADRAS,
 18th April 1867.

(Signed) A. K THOMSON,
 Chief Accountant.

(Signed) W. F. HOOPER,
 For Agent and Manager.

(Signed) J. C. ANDERSON, Lieut.-Colonel, R. E.,
 Consulting Engineer for Railway

MADRAS RAILWAY.

Statement showing the quantity and amount of Revenue derived from the several commodities comprising the Merchandize Traffic, South-West and North-West Lines, for the half-year ending 31st December 1866.

	Quantity.						Amount								
	Down South and East		Up North and West.		Total		Down South and East			Up North and West			Total		
	Maunds	S.	Maunds	S.	Maunds	S.	rs.	A	P	rs.	A	P	rs.	A	P
Baggage (Military) ...	1,229	2	2,421	3	8,650	5	1,193	5	0	3,093	6	0	4,286	11	0
Bamboos ...	17,289	13	16,476	15	33,765	28	3,400	10	0	3,232	2	0	6,632	12	0
Beer ...	430	30	18,994	11	19,425	1	161	3	0	10,875	11	7	11,036	11	7
Betel Nuts ...	48,177	21	829	30	49,007	11	16,632	8	0	253	9	0	16,886	1	0
5 Brass and Copper ...	1,487	32	4,178	33	5,666	25	737	8	7	2,455	11	0	3,193	3	7
Camphor ...	3	0	917	0	920	0	6	14	0	1,216	10	0	1,223	8	0
Charcoal ...	5,749	20	575	0	6,324	20	9	1	0	4	12	0	991	13	0
Chillies ...	4,417	20	21,192	20	25,610	0	2,087	2	0	7,967	9	7	10,054	11	7
Chunam and Lime ...	2,972	32	14,359	30	17,332	22	225	5	0	1,160	9	0	1,385	14	0
10 Cloths and Piece Goods ...	8,380	11	24,734	6	33,114	17	4,792	7	0	15,894	6	9	20,686	13	9
Cocoanuts ...	6,892	10	3,050	30	9,943	0	3,336	12	5	671	14	0	4,008	10	5
Coffee ...	10,396	26	642	20	11,039	6	6,567	1	0	347	10	0	6,914	11	0
Coke and Coal ...	180	0	77	10	257	10	125	10	0	69	1	0	194	11	0
Commissariat Stores ...	36	30	1,364	7	1,400	37	23	6	0	940	13	0	964	3	0
15 Cotton, loose ...	88,031	31	9,182	17	97,214	8	91,148	15	0	5,191	5	0	96,340	4	0
Do. half pressed ...	589	0	176	20	765	20	291	7	0	66	2	0	357	9	0
Do. full do ...	1,639	0	80	20	1,719	20	1,200	4	6	18	9	0	1,218	13	6
Dye or Red-wood ...	58,809	10	4,006	20	62,815	30	14,999	12	6	664	2	0	15,663	14	6
Firewood ...	102,791	20	34,793	24	137,585	4	15,231	13	4	4,224	8	0	19,456	5	4
20 Fruits ...	8,893	0	1,186	30	10,079	30	3,968	6	0	257	13	0	4,226	3	0
Furniture ...	535	16	1,900	0	2,435	16	711	13	0	2,229	12	0	2,941	9	0
Ghee ...	7,757	20	587	10	8,344	30	4,527	15	7	283	3	0	4,811	2	7
Gram ...	34,761	20	76,590	9	111,351	29	10,113	3	0	27,818	6	1	37,931	9	1
Ground Nuts ...	3,437	0	1,454	0	4,891	0	399	7	0	265	9	0	665	0	0
25 Gunnies ...	35,988	31	13,686	10	49,675	1	13,043	2	4	4,347	5	7	17,390	7	11
Hay ...	3,552	36	18,744	30	22,297	26	448	3	0	7,120	11	0	7,568	14	0
Indigo ...	1,293	0	986	32	2,279	32	668	1	3	903	3	3	1,571	4	6
Iron of all kinds ...	11,520	10	53,309	18	64,829	28	3,657	12	0	21,961	6	2	28,619	2	2
Jaggree ...	36,754	0	26,052	7	62,806	7	7,896	7	1	7,845	5	4	15,741	10	5
30 Luggage ...	1,265	30	1,390	8	2,655	38	1,291	4	0	1,472	4	0	2,763	8	0
Oil of all kinds ...	16,213	28	25,682	26	41,896	14	4,171	13	10	8,433	14	9	12,805	12	7
Opium ...	...	...	51	30	51	30	...	...	...	122	2	0	122	2	0
Ordnance Stores ...	1,292	31	2,167	29	3,460	20	1,286	1	0	3,669	14	0	4,955	15	0
Paddy ...	45,238	0	127,407	35	172,645	35	6,437	2	4	34,620	0	8	41,057	3	0
35 Pitch, Tar, and Asphalte ...	17	20	1,673	34	1,691	14	8	7	0	970	6	0	978	13	0
Potatoes ...	16,066	22	3,860	20	19,927	2	11,210	11	0	988	13	0	12,199	8	0
Powder and Ammunition ...	82	0	515	37	597	37	25	8	0	1,682	15	0	1,708	7	0
Raggy ...	37,668	5	254,510	35	292,179	0	7,361	10	9	79,379	9	5	86,741	4	2
Rice ...	151,043	16	562,780	3	713,823	19	22,337	0	8	2,16,55	14	11	2,38,889	15	7
40 Salt ...	73,069	30	643,119	10	716,189	0	10,474	15	0	2,30,704	10	4	2,41,179	9	4
Do. Fish ...	32,793	39	3,166	30	35,960	29	12,500	0	2	1,059	8	0	13,559	8	2
Saltpetre ...	3,698	8	659	20	4,357	28	2,609	15	4	196	11	0	2,806	10	4
Sandal-wood ...	114	0	559	10	673	10	118	8	0	416	2	0	534	10	0
Seeds of all kinds ...	22,036	31	102,512	35	124,549	26	7,359	3	4	36,059	7	6	43,418	10	10
45 Skins ...	25,681	30	1,430	30	27,112	20	10,850	13	10	394	5	0	11,245	2	10
Sleepers ...	2,714	20	6,077	20	8,792	0	139	11	0	2,213	8	0	2,353	3	0
Store ...	139,825	0	4,799	10	144,624	10	10,084	3	10	687	15	0	10,776	2	10
Sugar of all kinds ...	19,931	6	7,014	34	26,946	0	4,516	0	0	2,804	9	3	7,320	9	3
50 Sundries ...	146,765	7	295,494	25	442,259	32	55,261	5	0	1,27,967	15	6	1,83,229	4	6
Tamarind ...	59,000	10	12,916	30	71,917	0	14,493	3	0	3,063	2	0	17,556	5	0
Timber ...	78,310	3	83,376	32	161,686	35	13,241	2	5	21,296	13	9	34,538	0	2
Tobacco ...	13,842	20	32,408	0	46,250	20	3,621	7	4	11,177	12	5	14,799	3	9
Twist ...	4,626	10	21,522	19	26,148	29	2,643	13	7	12,018	6	0	14,662	3	7
Vegetables ...	17,855	15	3,467	10	21,322	25	5,101	2	1	1,064	11	6	6,165	13	7
Wines and Spirituous Liquors ...	1,240	35	25,326	23	26,567	18	542	2	0	16,140	5	0	16,682	7	0
Total ...	1,414,390	17	2,576,444	17	3,990,834	34	4,16,238	12	1	9,49,784	11	4	13,66,023	7	5

MADRAS,
7th June 1867.

(Signed) J. C. ANDERSON, Lieut.-Colonel, R. E.,
Consulting Engineer for Railways.

several commodities comes, for the half-year ending

Amount					
Up North and West			Total.		
RS	A	P	RS	A	P
3,093	6	0	4,286	11	1
3,232	2	0	6,632	12	0
10,878	11	7	11,039	14	7
253	9	0	16,886	1	0
2,455	11	0	3,193	3	7
1,216	19	0	1,223	8	0
4	12	0	991	13	0
7,967	9	7	10,051	11	7
1,16	9	0	1,391	14	0
15,894	6	9	20,08	13	9
671	14	0	4,008	10	5
347	10	0	6,914	11	0
69	1	0	194	11	0
940	13	0	964	3	0
5,191	5	0	96,740	4	0
66	2	0	37	9	0
18	9	0	1,218	12	6
664	2	0	15,653	14	6
4,224	8	0	19,456	5	4
257	13	0	4,226	3	0
2,229	12	0	2,941	9	0
283	3	0	4,811	2	7
27,818	6	1	37,031	9	1
265	9	0	665	0	0
4,347	5	7	17,390	7	11
7,120	11	0	7,568	14	0
90	3	3	1,571	4	6
24,951	6	2	23,619	2	2
7,845	3	4	15,741	10	5
1,472	4	0	2,763	8	0
8,633	14	9	12,805	12	7
122	2	0	12	2	0
3,669	14	0	4,955	15	0
34,620	0	8	41,057	3	0
970	6	0	978	13	0
988	13	0	12,199	8	0
1,682	15	0	1,708	7	0
79,379	9	5	86,741	4	2
2,16,55	14	11	2,38,889	15	7
2,30,704	10	4	2,41,179	9	4
1,059	8	0	13,559	8	2
196	11	0	2,806	10	4
416	2	0	534	10	0
36,059	7	6	43,418	10	10
394	5	0	11,245	2	10
2,213	8	0	2,353	3	0
687	15	0	10,776	2	10
2,894	9	3	7,320	9	3
1,27,967	15	6	1,83,229	4	6
3,063	2	0	17,556	5	0
21,296	13	9	34,538	0	2
11,177	12	5	14,799	3	9
12,01	6	0	14,682	3	7
1,064	11	6	6,16	13	7

Proceedings of the Madras Government, Public Works Department, 13
24th June 1867

Statement showing the working expenses in each Department of the Madras South-West Railway, during the half-year ending 31st December 1865 and 1866, respectively.

Half-years ending	Locomotive Department.			Traffic Department.			Telegraph Department.			Permanent Way Department.			Ballasting.			General Management.			Total.		
	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
December 1866 ...	3,90,585	4	3	1,76,303	4	5	10,388	0	11	3,0,825	1	5	6,925	7	4	35,597	13	11	9,98,625	0	3
December 1865 ...	4,04,321	2	9	1,58,325	7	10	22,562	6	6	2,8,652	7	7	18,279	3	9	33,871	12	3	9,95,992	8	8
Increase ...	.....			17,977	12	7	.....			1,1,172	9	10	.....			1,716	1	8	92,632	7	7
Decrease ..	13,735	14	6	.....			3,174	5	7	.....			11,33	12	5	.....			...		
NORTH-WEST LINE.																					
December 1866 ...	58,508	10	8	28,982	2	7	1,760	11	10	3,602	7	2	.....			3,876	6	8	1,16,739	6	11
December 1865 ...	56,487	3	2	18,743	10	2	2,130	5	1	4,038	7	1	.....			2,976	5	3	94,375	14	9
Increase ..	2,021	7	6	10,238	8	5	.....			9,564	0	1	.....			900	1	5	22,354	8	2
Decrease ...	.....			.....			369	9	3	.....			.....			.....			.....		

MADRAS,
7th June 1867.

(Signed) J C. ANDERSON, Lieut.-Colonel, R E,
Consulting Engineer for Railways.

MADRAS SOUTH-WEST RAILWAY, INCLUDING BANGALORE BRANCH.

Statement showing in half-yearly periods the Receipts, Expenditure, and Profits, and also per week, per mile of Railway open, per Train-mile and per Engine-mile; per-centage of working expenses and annual rate of per-centage of profit on Capital expended.

Half-year ending	Number of miles open.	Receipts.	Expenditure.	Profit.	AVERAGE.											Per-centage of working expenses.	Annual rate of per-centage of profit on Capital expended.		
					Receipt per week	Expenditure per week	Profit per week.	Receipt per mile of Railway open	Expenditure per mile of Railway open	Profit per mile of Railway open	Receipt per Train mile.	Expenditure per Train mile.	Profit per Train mile	Receipt per Engine mile	Expenditure per Engine mile			Profit per Engine mile.	
		RS A. P.	RS A. P.	RS A. P.	RS.	RS	RS.	RS.	RS	RS	RS.	RS.	RS.	RS	RS.	RS.	RS	RS	RS.
30th June 1862	Average 317	7,34,066 10 8	5,73,945 15 10	1,60,120 10 10	28,233	22,075	6,158	2,316	1,811	505	2.90	2.27	.63	2.47	1.93	.54	78 19	.78	
31st December 1862..	406	9,19,951 8 11	6,56,887 15 0	2,63,063 9 11	35,383	25,265	10,118	2,266	1,618	648	2.72	1.94	.78	2.43	1.74	.69	71 40	1.24	
30th June 1863 ..	406	10,98,956 1 2	8,33,003 7 3	2,65,952 9 11	42,268	32,039	10,229	2,707	2,052	655	3.01	2.28	.73	2.66	2.02	.64	75 80	1.12	
31st December 1863.	406	13,20,568 12 5	8,51,099 11 8	4,69,869 0 9	50,806	32,735	18,071	3,254	2,096	1,158	3.42	2.21	1.21	2.92	1.88	1.04	64 43	1.92	
30th June 1864	406	14,81,089 2 4	7,28,401 6 10	7,52,687 11 6	56,965	28,015	28,950	3,648	1,794	1,854	3.15	1.55	1.60	2.89	1.42	1.47	49 18	2.80	
31st December 1864 ..	Average 477	17,16,473 11 8	8,79,539 6 9	8,36,934 4 11	66,018	33,828	32 190	3,598	1,844	1,754	3.09	1.58	1.51	2.76	1.42	1.34	51 24	3.08	
30th June 1865 ..	492	18,00,053 14 9	9,29,237 10 0	8,70,816 4 8	69,233	35,740	33,493	3,659	1,889	1,770	3.08	1.59	1.49	2.79	1.44	1.35	51 62	3.06	
31st December 1865 ..	492	20,95,150 7 9	9,23,755 6 2	11,71,355 1 7	80,583	35,531	45,052	4,258	1,878	2,380	3.57	1.57	2.00	3.26	1.44	1.82	44 09	4.08	
30th June 1866 ...	492	20,27,977 12 10	9,45,313 9 3	10,82,664 3 7	77,999	36,358	41,641	4,122	1,921	2,201	3.69	1.72	1.97	3.37	1.57	80	46 61	3.64	
31st December 1866...	492	20,79,720 4 11	10,16,509 0 8	10,63,211 4 3	79,989	39,096	40,893	4,227	2,066	2,161	3.56	1.74	1.82	3.14	1.54	1.60	48 87	3.43	

MADRAS,
7th June 1867

(Signed) J. C. ANDERSON, Lieut.-Colonel, R. E.,
Consulting Engineer for Railways.

SOUTH-WEST LINE AND BANGALORE BRANCH.

Statement showing the average number of miles open, the total working expenses, the working expenses per mile open, the total receipts, the receipts per mile open, the net receipts per mile open, and the per-centage of net to gross receipts per mile open.

Half-year ending	Average number of miles open.	Total working expenses	Working expenses per mile open.	Total Receipts.	Receipts per mile open.	Net Receipts per mile open	Per-centage of net to gross Receipts per mile open.
		RS.	RS.	RS.	RS.	RS.	RS.
30th June 1862	Average 317	5,73,946	1,811	7,34,067	2,316	505	21.80
31st December 1862	406	6,56,888	1,618	9,19,952	2,266	648	28.60
30th June 1863	406	8,33,003	2,052	10,98,956	2,707	655	24.20
31st December 1863	406	8,51,100	2,096	13,20,969	3,254	1,158	35.59
30th June 1864	406	7,28,401	1,794	14,81,089	3,648	1,854	50.82
31st December 1864	Average 477	8,79,539	1,844	17,16,474	3,598	1,754	48.75
30th June 1865	492	9,29,233	1,889	18,00,054	3,659	1,770	48.37
31st December 1865	492	9,23,795	1,878	20,95,150	4,258	2,380	55.89
30th June 1866	492	9,45,314	1,921	20,27,978	4,122	2,201	53.40
31st December 1866	492	10,16,509	2,066	20,79,720	4,227	2,161	51.12

MADRAS,
7th June 1867.

(Signed) J. C. ANDERSON, Lieut.-Colonel, R. E.,
Consulting Engineer for Railways.

MADRAS RAILWAY.

Return of late Trains on the Madras Railway during the Half-year ending 31st December 1866.

Return of late Trains on the Madras Railway during the Half-year ending 31st December																		
From what Station.	To what Station.	Distance.	Number of Trains.		Trains not delayed by any serious accidents.								Trains delayed by serious accidents.					Remarks.
			Per week.	Total number of Trains	Not more than 15 minutes late	15 to 30 minutes late.	30 to 60 minutes late.	1 to 2 hours late.	More than 2 hours late.	Total number of Trains.	Average delay.	Greatest delay.	Not more than 3 hours late.	3 to 6 hours late.	More than 6 hours late.	Broke down entirely.	Total number.	
Up Trains through											H. M.	H. M.						
Madras ..	... | Beypoor	406½	7	184	3	27	9	5	1	45	0.10	4.10						
Short Trains																		
Madras ...	... | Coimbatore	301½	7	184	4	17	7	1	1	30	0.5	1.40						
Do ...	... | Do.	301½	6	157	14	10	9	2	1	36	0.8	3.35						
Do ...	... | Jollarpett	132	6	157	5	12	39	11	19	86	0.39	5.10						
Do ...	... | Vellore	80½	6	157	7	13	18	6	11	55	0.17	5.40						
Coimbatore	... | Beypoor	104½	6	157	2	3	1	...	...	6	0.1	0.50						
Branch.																		
Arconum	... | Cuddapah	119	7	31	5	...	1	...	...	6	0.3	0.45						
Do. ...	... | Do. ...	119	3	91	18	16	8	3	3	43	0.19	2.45						
Do. ...	... | Moodanoor	153	7	153	29	14	7	3	3	56	0.12	2.10						
Do. ...	... | Tirupetty	41½	6	157	35	29	20	1	1	86	0.15	2.45						
Do. ...	... | Moodanoor	35	6	126	5	1	...	...	...	6	0.1	0.20						
Cuddapah	... | Moodanoor	84½	14	368	41	34	26	4	4	109	0.10	2.36						
Jollarpett	... | Bangalore	84½	6	157	2	2	3	...	1	8	0.3	3.0						
Do. ...	... | Do. ...	...	...	...	...	...	...	...	...	...	...	...						
Down Trains through																		
Beypoor...	... | Madras ...	406½	7	184	17	13	12	2	...	44	0.7	1.20						
Short Trains.																		
Coimbatore	... | Madras ...	301½	7	184	7	15	8	2	1	33	0.6	1.55						
Do. ...	... | Do. ...	301½	6	157	3	3	...	...	...	6	0.1	0.25						
Do. ...	... | Do. ...	132	6	157	14	19	16	10	7	66	0.22	2.40						
Jollarpett	... | Do. ...	80½	6	157	8	38	18	3	3	17	0.16	2.50						
Vellore ...	... | Do. ...	104½	6	157	9	17	10	4	1	41	0.11	5.35						
Beypoor	... | Coimbatore	...	...	...	...	...	...	...	...	...	...	...						
Branch.																		
Cuddapah	... | Arconum	119	7	31	4	...	...	...	...	4	0.2	0.15						
Do. ...	... | Do. ...	119	3	90	24	13	3	1	...	41	0.10	1.5						
Do. ...	... | Do. ...	153	7	153	45	8	5	...	...	58	0.7	0.55						
Moodanoor	... | Do. ...	41½	6	157	46	5	1	1	...	53	0.8	1.10						
Tirupetty	... | Do. ...	35	6	126	18	5	3	4	2	32	0.9	1.55						
Moodanoor	... | Cuddapah	84½	14	368	16	10	1	...	...	27	0.1	0.35						
Bangalore	... | Jollarpett	84½	6	157	5	3	3	1	1	13	0.3	2.10						
Do.	... | Do.	...	...	...	...	...	...	...	...	...	...	...						
Total ..			174	4,157	386	327	228	64	60	1,065	0.9	...						
(Signed) H. E. CHURCH,																		

(Signed) H. E. CHURCH,
Traffic Manager.

(Signed) R. B. ELWIN,
Agent and Manager.

(Signed) J. C. ANDERSON, Lieut.-Colonel, R. E.,
Consulting Engineer for Railways.

MADRAS,
8th February 1867.

MADRAS RAILWAY.

NORTH-WEST LINE.

Open 153 Miles from Arconum to Moodanoor, 1st August 1866.

Revenue Account for Half-year ending December 1866.

CR.

Revenue Account for Half-year ending December 1901.										Gross Earnings per mile run.											
										Coaching.	Goods.	Total	Gross Earnings per mile run.								
										RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.								
PAYMENTS.																					
To Locomotive Department																					
Salary of Superintendent and Office expenses ...	754	2	0	2,186	15	6	2,941	1	6	58,508 10 8	·57	48 80	15 80								
Foremen, Enginemmen, and Firemen's wages ...	2,350	9	11	7,426	0	1	9,776	10	0												
Wages of Labourers, Cleaners, &c. ...	841	6	10	2,645	13	1	3,487	3	11												
Coke, Coal, and Wood consumed ...	3,386	13	9	10,418	14	3	13,805	12	0												
Oil, Tallow, Waste, &c. ...	1,213	3	8	3,737	15	11	4,951	3	7												
Materials for repairs of Engines and Tenders ..	1,558	11	10	4,844	5	11	6,403	1	9												
Wages for do. do. ...	2,384	12	7	7,379	5	1	9,764	1	8												
Repairs of Carriages and Waggon's ...	1,470	13	6	4,438	4	5	5,909	1	11												
Renewing Coupling and Safety Chains, &c. ...	320	4	0	1,150	2	4	1,470	6	4												
To Traffic Department.																					
Salaries of Traffic Manager and Assistants, Station Masters and Clerks ...	3,971	15	0	8,176	9	0	12,148	8	0					28,982 2 7	·28	24 18	7 83				
Salaries of Guards ...	716	4	0	1,497	7	11	2,213	11	11												
Wages of Porters, Greasemen, &c. ...	683	8	1	1,395	15	3	2,079	7	4												
Wages of Gatemen, Pointsmen, &c. ...	786	6	5	1,675	8	6	2,461	14	11												
Cost of Grease ...	978	7	3	2,292	4	6	3,270	11	9												
Cost of Oil in lighting Stations, Signals, &c. ...	509	14	3	921	14	11	1,431	13	2												
Cost of Tickets issued ...	141	8	7	...	...	...	141	8	7												
Advertising, Printing, and Stationery ..	605	7	11	1,089	9	0	1,695	0	11												
Stores not otherwise classified ...	506	0	3	851	13	3	1,357	13	6												
Travelling expenses and allowances ...	216	3	1	446	5	4	662	8	5												
Petty Disbursements ...	660	13	9	660	13	10	1,321	11	7												
Compensation and Damages ..	.....	...	...	197	4	6	197	4	6												
Telegraph.																					
Salaries of Signallers, &c. ...	232	2	3	482	13	7	714	15	10	1,760 11 10	·01	1 47	·48								
Maintenance of Telegraph ...	522	14	0	522	14	0	1,045	12	0												
To Permanent-Way Department.																					
Salaries of Resident Engineers, Inspectors, and Overlookers, &c. ...	1,032	2	1	3,170	6	2	4,202	8	3	23,502 7 2	·23	19 69	6 37								
Wages of men employed in Repairs, &c. ...	3,840	11	4	11,819	13	9	15,660	9	1												
Materials... ..	59	9	0	175	15	10	235	8	10												
Tools ...	740	14	11	2,494	11	5	3,235	10	4												
Proportion of Chief Engineer's Establishment ..	63	14	2	204	4	6	268	2	8												
To General Charges.																					
Agent and Manager, Audit, Account, &c. ...	1,188	13	3	2,386	11	7	3,575	8	10	3,876 6 8	04	3 23	1 05								
Statistical Office Expenses ...	95	9	11	205	3	11	300	13	10												
Proportion of Rent of Terminal Buildings at Madras ...	154	2	1	154	2	1	308	4	2												
Contribution to Fire Insurance Funds, viz.—	1,168	13	3	1,168	13	4	2,337	10	7												
On Buildings ...	.....	...	...	505	9	4	505	9	4												
Goods in Transit ...										3,151 8 1	·03	2 63	·85								
	33,157 0 11	86,724 14 1	.....	1,19,831 15 0	1·16	100 00	32·38								Train Mileage. 1,03,109						
Balance ...				2,50,331 2 7	.....	.....	67 62														
Total ...				3,70,213 1 7	.....	.....	100 00														
										RECEIPTS.											
										By Coaching.											
										No	231	1,847 14 0									
										First Class Passengers	2,014	3,193 0 6									
										Second do. ...	174,652	95,840 4 9	1,00,881 3 3								
										Third do. ...											
										Return Fares....	{ 1st Class ...	18	224 13 2								
											{ 2nd do. ...	35	143 8 8								
											{ 3rd do. ...	849	144 5 7	512 11 5							
										Soldiers ...	{ 1st Class .	5	93 12 6								
											{ 2nd do. ...	91	661 12 6								
											{ 3rd do. ...	2,588	3,843 13 2	4,599 6 2							
										Excess Fares . .	{ 1st Class ...		59 10 6								
											{ 2nd do. ...		62 0 3								
											{ 3rd do. ...		539 1 3								
										Parcels ...			660 12 0								
										Banghy Parcels ...			3,080 13 7								
										Passengers' Luggage ...			141 14 7								
										Horses, Carriages, and Dogs ...			6,009 14 11								
										Special Trains ..			2,323 5 10								
													863 14 7				1,19,074 0 4				
										By Goods											
										Maunds 824,058-19 of Merchandize conveyed ...			1,57,212 13 5								
										Maunds 235,420-23 of Materials conveyed ...			86,627 14 7								
										Live Stock ...			634 3 9								
										Rent and Demurrage ..			1,134 9 6				2,45,609 9 3				
										By Miscellaneous.											
										Rents for Refreshment Rooms ...		510 15 0									
										Telegraph Receipts ...		1,104 14 6									
										Rents Receivable ...		391 9 10				5,529 8 0					
										Interest on Traffic Earnings ..		3,522 0 8									
																					
													5,529 8 0	1,19,074 0 4			2,45,609 9 3				

(Signed) F. CHURCH,
Chief Auditor.

(Signed) A. J. FILGATE, Lieutenant, R E,
Examiner of Railway Accounts.

(Signed) A. K. THOMSON,
Chief Accountant.

(Signed) J. C. ANDERSON, Lieut.-Colonel, R. E.,
Consulting Engineer for Railways.

(Signed) R. B. ELWIN,
Agent and Manager.

A.
MADRAS RAILWAY, NORTH-WEST LINE No. 1.
ARCONUM TO MOODANOOR.
Distribution of Working Expenses for the Half-year ending 31st December 1866.

	Weight of each Vehicle.	Average contents of each Vehicle.	Weight of average contents	Weight of each loaded Vehicle.	Constitution of Train.	Weight of Engine and Tender shared.	Weight of loaded Train	Average Mileage of Train.	1,464 Trains Gross weight moved over one mile.	Maintenance of Way and Works.	Locomotive Department.	Fuel.	Coaching.	Tickets	Repairs of Vehicles.	Electric Telegraph	General charges	Total working expenses of each class.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	Tons.	Persons.	Tons.	Tons	No.	Tons	Tons.	Miles.	Tons.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Class I. ...	6 9	1 078	0 059	6 959	0 222	0 497	2 042		210,547	281 2 9	446 2 0							
Class II. ...	6 24	2 499	0 138	6 378	0 476	0 978	4 014		413,876	552 11 4	876 15 3							
Class III. ...	6 14	30 255	1 667	7 807	2 080	5 230	21 469		2,213,627	2,956 3 0	4,690 6 7							
Brake ...	6 76	0 229	0 229	6 989	1 278	2 877	11 809		121,760	1,626 0 9	2,579 15 4							
Horse Box ...	7 05	0 835	0 719	7 213	0 232	0 538	2 210	70 429	227,869	304 4 11	482 13 3							
Carriage Truck ...	5 03	4 331	2 069	7 099	0 013	0 030	0 122		12,579	16 12 9	26 10 5							
Goods... ..	5 9	2 745	2 745	8 645	10 946	30 479	125 107		12,899,540	17,865 3 8	23,220 7 7							
Engine and Tender ...	40 63																	
Total ...									16,099,798	23,602 7 2	37,323 6 5	13,805 12 0	28,840 10 0	141 8 7	7,379 8 3	1,760 11 10	3,876 6 8	1,16,730 6 11

MADRAS,
7th June 1867.

(Signed) J. C. ANDERSON, Lieutenant-Colonel, R. E.,
Consulting Engineer for Railways.

B.
 MADRAS RAILWAY, NORTH-WEST LINE No. 2.
 ARCONUM TO MOODANOOR.
 Receipts, Expenditure, and Profit for the Half-year ending 31st December 1866.
 1,464 Trains.

	Number of Passengers, &c.	Receipts.	Expenditure.	Profit and Loss		Receipts from each Passen- ger, &c.	Expenditure for each Passenger, &c.	Profit and Loss on each Passenger, &c.		Average Mileages	Receipts per Passenger, per mile.	Expenditure per Passen- ger, per mile.	Profit and Loss per Passen- ger, per mile.		Number of Vehi- cles run.	Receipts from each Vehicle.	Expenditure for each Vehicle.	Profit and Loss on each Vehicle.		Average Mileage of Train.	Receipts per Vehicle, per mile.	Expenditure per Vehicle, per mile.	Profit and Loss per Vehicle, per mile.		
	1	2	3	4		5	6	7		8	9	10	11		12	13	14	15		16	17	18	19		
	Persons.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	Miles.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	No.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	70.429	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	
Class I. ...	272	2,226 2 2	1,563 11 4	662 6 10		8 2 11.30	5 11 11.79	2 6 11 51		90 868	0 1 5 29	0 1 0.15	0 0 5 14		240	9 4 4 91	6 8 2 97	2 12 1.94			Miles.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Class II. ...	2,175	4,060 5 11	3,073 13 0	986 8 11	.....	1 13 10.43	1 6 7 34	0 7 3 09	.....	56 353	0 0 6 36	0 0 4.82	0 0 1 54	.....	503	8 1 1.88	6 1 9.30	1 15 4 58	.....		0 2 1 29	0 1 5.76	0 0 7.53	.....	
Class III. ...	178,938	1,00,367 8 9	16,440 7 5	83,927 1 4	.. ...	0 8 11 69	0 1 5.64	0 7 6 05	.. ...	36 254	0 0 2.97	0 0 0.49	0 0 2 48	.....	2,527	39 11 5 87	6 8 1.14	33 3 4 73	.....		0 1 10.01	0 1 4.66	0 0 5.35	.....	
Brake... ..	546 64	9,232 11 1	8,982 5 3	250 5 10	.. ..	16 14 2 86	16 6 10 92	0 7 3 94	.....	55 093	0 4 10 86	0 4 9 27	0 0 1 59	.....	1,500	6 2 5 78	5 15 9 74	0 2 8 04	.....		0 9 0.28	0 1 5.74	0 7 6 54	.....	
Horse Box ..	H. 206 D. 190	2,323 5 10	1,773 12 7	549 9 3	....	4 15 11 32	3 13 0 40	1 2 10 92	.....	92 852	0 0 10 33	0 0 7 89	0 0 2 44	.....	270	8 9 8 17	6 9 1.36	2 0 6 81	.. ...		0 1 11.46	0 1 5.91	0 0 5.55	.....	
Carriage Truck ...	69																								
Goods Vehicles ...	38,924 246	2,45,609 9 3	84,896 5 4	1,60,713 3 11	.....	6 4 11 50	2 2 10 77	4 2 0 73	.....	79.599	0 1 3 22	0 0 5 26	0 0 9 96	.....	21,349	11 8 0 86	3 15 7.51	7 8 5.35	.....	0 2 7.36	0 0 10.84	0 1 8.52	.....		
Telegraph Receipts ...	.....	1,104 14 6																							
Miscellaneous do. ...	.....	4,424 9 6																							
Special Trains ...	.....	863 14 7																							
Total Receipts...	.....	3,70,213 1 7																							

MADRAS,
7th June 1867.

MADRAS,
 7th June 1867.

(Signed) J. C. ANDERSON, Lieut.-Colonel, R. E.,
 Consulting Engineer for Railways.

NORTH-WEST LINE.

Statement showing the average number of miles open, the total working expenses, the working expenses per mile open, the total Receipts, the Receipts per mile open, the net Receipts per mile open, and the per-centage of net to gross Receipts per mile open.

Half-year ending						Average number of miles open.	Total working expenses.	Working expenses per mile open.	Total Receipts.	Receipts per mile open	Net Receipts per mile open	Per-centage of net to gross Receipts per mile open.
							RS.	RS.	RS.	RS.	RS.	RS.
30th June	1862	...	...	...	...	26½	22,172	829	25,300	945	117	12 37
31st December	"	...	...	...	...	Average 35½	22,781	616	37,353	1,060	414	39 06
30th June	1863	...	...	...	...	41½	37,459	908	61,406	1,489	581	39 02
31st December	"	...	...	...	...	41½	36,863	894	72,173	1,750	856	48 91
30th June	1864	...	...	...	...	41½	37,876	918	78,169	1,895	977	51 56
31st December	"	...	...	...	...	Do. 60½	57,301	951	1,33,325	2,213	1,262	57 27
30th June	1865	...	...	...	...	79½	72,069	909	1,62,417	2,049	1,140	55 64
31st December	"	...	...	...	...	Do. 106	97,438	919	3,60,628	3,402	2,483	72 59
30th June	1866	...	...	...	...	119½	99,804	837	3,03,031	2,541	1,704	67 06
31st December	"	...	...	...	...	Do. 148	1,19,882	810	3,70,213	2,501	1,691	67 61

(Signed) J. C. ANDERSON, Lieut.-Colonel, R. E.,
Consulting Engineer for Railways.

MADRAS,
7th June 1867.

MADRAS RAILWAY.

Return of Fire Insurance Funds invested and claims paid, half-year ending 31st December 1866.

Funds.	Amount of last balance not invested	Amount of interest on present investments.	Amount of Interest received previous and present investments.	Amount set aside for half-year 30th June 1866, received from Government	Total	INVESTMENTS, &c.			Claims paid.	Balance
						Particulars.	Amount.	Proportion chargeable to each Line.		
	RS. A. P.	RS.	A. P.	RS. A. P.	RS. A. P.		RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Building, Plant, and Stores, South-West Line	254 9 3	2,52	5 0 0	14,025 15 7	16,805 8 10	Government Promissory Notes, Nos. 7035, 18601, 35531, 80321, 10871, 70630 of 1856-57 14,000 0 0				
						Premium on Rupees 13,000 at 6½ per cent. 845 0 0				
						Do. 1,000 at 7 per cent. 70 0 0	915 0 0			
Do North-West Line ...	124 11 6	45	0 0 0	2,337 10 7	2,912 6 1	Interest and Commission paid on do	14,915 0 0	15,312 7 1	...	1,493 1 9
						Government Promissory Notes, Nos. 40751 and 40,749 of 1856-57 2,000 0 0	397 7 1			
						Premium on Rupees 2,000 at 6½ per cent. 125 0 0	2,125 0 0			
Goods Traffic,						Interest and Commission paid on do.	49 5 0			
South-West Line	4,607 11 0	12	5 0 0	4,017 0 5	8,749 11 5	Government Promissory Notes, Nos. 21,310, 33407, 85794, 72908 of 1856-57 5,000 0 0				
						Premium on Rupees 5,000 at 6½ per cent. 325 0 0	5,325 0 0			
Do. North-West Line	225 2 6	2	0 0 0	346 9 9	596 12 3	Interest and Commission paid on do	123 5 8	5,448 5 8	1,119 0 0	2,182 5 9
						.....	.....	...	...	596 12 3

List of Government Securities held on account of Fire Insurance Funds.

SOUTH-WEST LINE.			NORTH-WEST LINE.		
No.			No.		
713-31 of 1856-57, ..	Rs. 10,000		14091 of 65355 of 1856-57, ..	Rs. 2,000	
44516	5,000		19876	2,000	
69963	3,000		61171	2,000	
40752	1,000		26304	1,000	
64315	10,000		45005	2,000	
70495	2,200		8720	1,000	
38574	4,800		40751	1,000	
78181	2,000		40749	1,000	
25162	2,000				
1801 of 52357 of 1856-57...	5,000				
7035	1,500				
18601	500				
35531	1,000				
80321	10,000				
10871	500				
70630	500				
21310	1,400				
33407	1,600				
85794	1,000				
72908	1,000				

The above Bonds are in the five per cent. Loan.

MADRAS,
17th January 1867

(Signed) A. K.

CH. THOMSON,
Accountant.

(True Copy)

(Signed) J. C. ANDERSON, Lieut.-Colonel, R. E.,
Consulting Engineer for Railways

(Signed) R. B. ELWIN,
Agent and Manager.

Proceedings of the Madras Government, Public Works Department, 23
24th June 1867.

RETURN showing the Stores, Troops, Mails, and Post Office Servants carried on the Madras South-West and North-West Lines and Bangalore Branch Railway, during the Half-year ending the 31st December 1866.

STORES.							TROOPS		MAILS.		Baggage of Troops conveyed free.	Railway charges.			Railway charges which would have been made to the public.			Saving to Government.			Remarks.
Ordnance Department	Commissariat Department.			Public Works Department.	Station-ery Department	Medical Department		Luggage.		Mail servants.											
	Stores	Horses (Stud)	Clothing.																		
Tons	Tons	No.	Tons.	Tons.	Tons	Tons.	No.	Tons	Tons.	No.	Tons.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	
75	...	...	...	...	...	...	...	...	...	...	...	3,017	12	0	...	...	...	...	...	...	
	327	...	...	...	...	...	...	...	...	...	...	5,590	12	0	...	...	...	...	...	...	
		34	...	...	...	...	...	...	...	...	...	682	12	6	...	...	...	...	...	...	
			8	...	...	...	...	...	...	...	...	159	3	0	...	...	...	...	...	...	
				88	...	...	...	...	...	...	...	2,708	9	0	...	...	...	...	...	...	
					34	...	...	...	...	...	...	1,006	8	0	...	...	...	...	...	...	
						1	...	...	...	...	...	25	2	0	...	...	...	...	...	...	
							3,430	...	...	...	...	13,453	10	0	17,693	12	8	4,240	2	8	
								108	...	...	...	4,677	4	0	...	...	...	...	...	...	
									448,524 miles at 4 Annas per mile.	...	...	...	...	...	1,12,131	0	0	1,12,131	0	0	
										...	46	...	...	...	3,006	1	0	3,006	1	0	
												31,321	8	6	1,32,830	13	8	1,19,377	3	8	

MADRAS,
7th June 1867

(Signed) J. C. ANDERSON, Lieut-Colonel, R. E.,
Consulting Engineer for Railways.

MADRAS RAILWAY,
LOCOMOTIVE AND CARRIAGE BUILDING DEPARTMENT.

A Statement of Rolling Stock Finished and that in the course of Erection and Construction up to 31st December 1866.

Erected	Up to 30th November 1866	This month December 1866.	Total.	In the course of Erection.	Up to 31st December 1866.	SANCTIONED			Remarks.
						On the 14th Oct 1863, 14th May, 30th June, and 8th Nov 1861	17th and 24th Oct, 6th Nov, and 7th Dec. 1865	10th Jan., 8th June, and 28th Aug. 1866.	
<i>Tender Locomotives.</i>									
Engines Nos 1, 2, 3, 4, and 25 to 106	86	...	86	NIL.					
<i>Trunk Locomotives</i>									
Engines Nos 5 to 24 ..	20	...	20						
Finished	Up to 30th November 1866.	This month December 1866	Total.	In the course of Construction.	Up to 31st December 1866	SANCTIONED			Remarks.
Sleeping Carriages ..	...	4	4	...	...	...	4	...	
1st Class do ...	15	...	15a	...	...	...	7	...	
2nd do do Brakes ...	40	...	40b	...	...	136	7	13	a Nos 9 and 11 have been fitted with upper berths for sleeping accommodation. Two others to be converted into composites
2nd do do ...	...	...	...	...	...	...	...	...	b Brakes to be applied to five 2nd Class Carriages
3rd do do ...	36	...	96	...	...	...	30	20	
3rd do do ...	30	...	30	...	...	15	15c	...	
3rd do do Upper storied Carriages ...	2	...	2	...	...	...	2	...	
3rd do. do	18	...	18	...	...	...	6	4	
Composite Carriages ...	244	...	244	...	8	293	...	...	
Ballast Waggon	314	...	314	...	32	376	...	...	
Open-sided Goods Waggon	30	...	30	...	...	30	...	...	
Horse Dvcs ...	1,075	10	1,085	...	15	1,100	...	...	
High-sided open Goods Waggon	5	...	5	...	...	5	...	...	
High open Goods Waggon	25	...	25	...	...	25	...	...	
Passenger Luggage Van	50	...	50	...	...	50	...	...	
Open Goods Waggon	114	...	114	...	...	70	...	20	
Timber Trucks	6	...	6	...	...	...	...	...	
Platform Trucks	8	...	8	...	...	8	...	...	
Carriage Trucks	435	...	435	...	...	435	...	...	
Coke Waggon	3	...	3	...	...	3	...	...	
Gun Powder Van	35	...	35	...	...	35	...	...	
Cattle Waggon	7	...	7	...	...	7	...	...	
Road Waggon	22	...	22	...	...	25	...	...	
Road Brake Waggon...	28	...	28e	...	...	25	...	...	
Covered Goods Waggon	34	...	34	...	...	34	...	10	c Three to be converted into Road Brake Waggon
Goods Brake Van	3	...	3	...	...	...	...	3	
Oil Store Van	1	...	1	...	...	...	...	2	
Water Trucks with Tanks	1	...	1	...	1	...	...	1	
Engineer's Inspection Brake Carriage	1	...	1	...	...	...	...	4	
Traveling Cranes on Trucks...	2,671	16	2,687	...	58	2,687	71	110	

(Signed) A. K. THOMSON,
Chief Accountant.
(True Copy)
(Signed) W. F. HOOPER,
For Agent and Manager.

(Signed) W. J. COLLINSON,
For Locomotive and Carriage Supt.
(True Copy.)
(Signed) J. C. ANDERSON, Lieut.-Colonel, R. E.,
Consulting Engineer for Railways.

MADRAS,
7th June 1867.

MADRAS PRESIDENCY.

Statement of the quantity and cost of the Lands made over by the State for each Railway to the end of December 1866.

Name of Railway.	1	Extent in acres and decimals.	2	Sum paid for land.	3	Sum paid for trees, buildings, &c, on the land.	4	Total of Columns 3 and 4.	5	Sum realized by the sale of trees, timber, &c.	6	Sum payable by Railway Com- pany	7	Net cost to Go- vernment.	8
Madras Railway.		Acres.		RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
South-West Line...	...	9,381 9658		4,18,922 9 0	1,74,367 4 4	5,93,289 13 4	18,202 0 7	6,639 12 5	5,68,448 0 4						
North-West Line...	...	4,516 335		90,433 3 10	42,576 1 9	1,33,009 5 7	1,524 1 6	18,595 3 0	1,12,890 1 1						
Bangalore Branch	...	2,558 204		22,782 3 5	4,251 6 4	27,033 9 9	.....	.....	27,033 9 9						
Total..		16,456 5048		5,32,138 0 3	2,21,194 12 5	7,53,332 12 8	19,726 2 1	25,234 15 5	7,08,371 11 2						
Great Southern of India Railway.		3,772 469		4,32,384 4 1	1,12,197 2 3	5,44,581 6 4	16,193 2 2	.....	5,28,388 4 2						
Grand Total...		20,228 9738		9,64,522 4 4	3,33,391 14 8	12,97,914 3 0	35,919 4 3	25,234 15 5	12,36,759 15 4						

MADRAS,
7th June 1867.

(Signed) J. C. ANDERSON, Lieut -Colonel, R. E.,
Consulting Engineer for Railways

*Proceedings of the Madras Government, Public Works Department,
24th June 1867.*

No. 500. ORDER THEREON, 24th June 1867, No 1,876.

RAILWAY, No. 34.

Ordered that these papers be
warded to the Government of India for-
(Here enter No. 1,877, dated 24th June 1867.)

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Consulting Engineer for Railways.

Exd. F. R. Bantleman.

PUBLIC WORKS DEPARTMENT,
FORT SAINT GEORGE,
24th June 1867.

No. 1,877.

No. 501.
To

THE SECRETARY TO THE GOVERNMENT OF INDIA,

SIR,

RAILWAY, No. 35.

I am directed by the Right Honour-
able the Governor in Council to for-
ward, for submission to the Government
of India, the accompanying Report from the Consulting Engineer for Railways with
the Revenue Accounts and Analysis of the traffic operations of the Madras South-
West Line, including the Bangalore branch, and of the North-West Line between
Arconum and Moodanoor, for the half-year ending 31st December 1866.

I have the honour to be,

Sir,

Your most obedient servant,

(Signed) C. A. Orr Colonel, R. E.,
Secretary to Government.

Exd. F. R. Bantleman.

Railway Department.

CONSULTING ENGINEER'S OFFICE,

No. 173.

From

Lieutenant Colonel J. C. Anderson R.E.
Consulting Engineer for Railways,

To

Colonel C. A. Orr R.E.

Secretary to Government,

Public Works Department,

Fort Saint George.

SIR,

* Miles 407
* " 85
0 " 153

I have the honor to forward
the Revenue Accounts and Traffic Analysis
of the Madras South West Line, including
the Bangalore Branch and of the North
West Line, up to Moodanoor for the half
year ending 31st December 1866.

2 The number of miles run by
ordinary trains during each day in a half
year were as follows.

	Week days	Sunday
South West Line	2,737	1,416
Bangalore Branch	507	318
North West Line	755	307

The

3. The Passengers fares during the half year ending the 31st December 1866 were

1st class By day trains—18 piers per mile
By night trains 22 — do —
2^d class By day trains—6 — do —
By night trains—7 — do —
3^d class — 3 — do —
4th free luggage of 40, 25 and 15 lbs respectively.

4. The Goods rates were
Special class—8 piers per Ton per mile
1st class—12 — do — do —
2^d — 14 — do — do —
3^d — 16 — do — do —
4th — 24 — do — do —
5th — 36 — do — do —

The above are the ordinary rates for passengers and Goods, and the same as those charged during the previous half year.

5. Special rates were charged for the consignees by rail of Salt, Iron, Ironshot, Timber, Cotton, Stone, Coffee, Cigars, Horses, Palmirahs and Carriages.

6. The average distances travelled by each class of passengers and Goods were,

	S. W. Line	N. W. Line
Passengers	Miles 492	Miles 153
1 st class	156.083	90.865
2 ^d — do —	66.757	56.333
3 ^d — do —	50.808	36.254

Goods

Goods
Special class—50.8—49.2
1st class—124.9—55.4
2^d — do — 105.8—124.0
3^d — do — 145.5—89.6
4th — do — 142.4—120.5
5th — do — 98.6—138.4

There is a considerable increase of Passengers mileage compared with that of the former half year; especially in the 1st class: the only exception being for the 3^d class on the North West Line in which there is a falling off of about 3 miles.

7. In the Goods mileage there is a general decrease, the average of all classes united being 118.3 as compared with 125.6 of the last half year.

8. The aggregate receipts, with the nature and amount of traffic upon the South West and North West Lines, compared with the corresponding half year of 1865 are given in the following statements.

Half year

6

	Half year ending 31 st December 1864		Half year ending 31 st December 1865		Increase (Decrease)	
	Rs	As	Rs	As	Rs	As
<u>South West Line</u>						
Passengers	74,562	9 1	81,753	4 3	"	65 113
Merchandise	12,813	13 9	11,654	9 9	42,634	"
Railway Materials	52,636	14 10	68,656	15 9	"	16,020
Miscellaneous	73,309	15 3	50,240	10 7	23,069	"
Total	2,079,720	4 11	2,095,150	7 9	"	15,430
Expenditure	10,16,509	8	9,22,795	6 2	92,714	"
Profit	10,63,211	4 3	11,72,355	1 7	"	108,144
Length of line open (miles)	492		492		"	"
Expenditure on Capital in India & in England	119,07,390		574,83,103		442,437	"
Half yearly percentage of profit	1.72		2.03		"	0.31
<u>Number of Passengers</u>						
First class	4,278		5,346		"	1,068
Second do	32,558		44,607		"	12,049
Third do	673,454		7,22,365		"	48,911
<u>Tons of Goods</u>						
Merchandise	140,662		135,338		53,224	"
Railway Materials	14,703		19,320		"	4,617
Number of Waggons	3,675		4,501		"	826
Average mileage of Waggons	158.5		130.4		28.1	"
<u>Average Contents of Goods</u>						
Passengers, First class	2.1		2.6		"	0.5
Second do	5.5		5.9		"	0.4
Third do	35.3		29.3		6.0	"
Goods Wagon	2.5		2.7		"	0.2
Average receipt per wagon	79.989		80,583		"	594
do per mile						
of Railway open	4,227		4,258		"	31.0
do per Train mile	3.56		3.57		"	0.01
do per Engine mile	3.14		3.26		"	0.12

The decrease in receipts from passenger traffic is balanced by increase from Goods and

Miscellaneous

miscellaneous, and the total receipts differ but slightly from those of the half year ending December 1865. The expenditure however has largely increased, chiefly under the head of repairs of permanent way, and the net receipts show a falling off of upwards of a Lac of Rupees. This combined with the increased expenditure on Capital Account, lowers the percentage of profit for the half year to 1.72, or to 3.44, percent per annum compared with 4.06, for the last half year of 1865. There is a marked falling off in the contents of 1st & 2^d class Passenger carriages, which must be attributed in a great measure to the raising of the fares from 1st November 1865. The number of 3^d class passengers per vehicle continues very favorable, 50 being the maximum number a carriage is capable of carrying. The average number of tons conveyed by each Goods wagon has fallen off and is only half the full load at a moderate estimate.

	Half year ending 31 st December 1866		Half year ending 31 st December 1865		Increase	(Decrease)
<u>North West Line</u>						
Passengers	Rs	A P	Rs	A P	Rs	As
Merchandise	119,074	4	96,880	15 4	22,193	"
Railway Materials	158,981	10 8	180,722	15 1	"	21,741
Miscellaneous	86,627	14 7	79,329	7 6	7,298	"
Total	55,29	81	3,694	7 6	1,875	"
Expenditure	270,213	1 7	360,627	12 5	9,585	"
Profit	119,881	15	97,438	5 8	22,444	"
Average length of line open (miles)	148		106		42	"
Expenditure on Capital in India & in England	165,69,081		123,50,577		42,18,504	"
Half yearly percentage of profit	1.51		2.13			0.62
Number of Passengers						
First class	272		228		44	"
Second do	2175		2164		11	"
Third do	178,938		149,820		29,118	"
Tons of Goods						
Merchandise	30,275		29,591		684	"
Railway Materials	8,649		12,284		3,635	"
Number of Trains	1,464		1,471		7	"
Average mileage of Trains	70.4		57.4		13.0	"
Average contents of each Vehicle						
Passengers First class	1.1		1.0		0.1	"
Second do	2.5		2.8		0.3	"
Third do	30.2		32.6		2.4	"
Goods Load	2.7		2.8		0.1	"
Average receipt per week	14,229		13,870		369	"
do per mile of Ry. open	2,501		3,402		901	"
do per Train mile	3.59		4.27		0.68	"
do per Engine mile	3.21		3.84		0.63	"

10. The results of the half year working on the North West Line are very similar to those of the South West Line and no remark seems necessary.

South West Line

Expenditure during the half years ending

	31 st December 1866		31 st December 1865		Increase	(Decrease)
	Rs	A P	Rs	A P	Rs	As
Locomotive Department	344,507	8	377,477	3 5	"	32,969 11 5
Repairs of Carriages	46,077	12 3	26,843	15 4	19,233	12 11
Traffic Department	176,303	4 5	158,325	7 10	17,977	12 7
Telegraph do	19,388	" 11	22,562	6 6	"	3,174 5 7
Permanent Way	3,69,825	1 5	2,68,652	7 7	1,01,172	9 10
Ballasting	6,925	7 4	18,279	3 9	"	11,353 12 5
General Charges	35,597	13 11	33,851	12 3	1,746	1 8
Fire Insurance fund	17,884	" 5	17,802	13 6	81	2 11
Total	1,16,509	" 8	923,795	6 2	92,713	10 6

North West Line

Expenditure during the half years ending

	31 st December 1866		31 st December 1865		Increase	(Decrease)
	No of vehicles open 153	Rs	No of vehicles open 119	Rs	Rs	As
Locomotive Department	58,508	10 8	26,752	12 3	31,755	14 5
Traffic do	2,89,822	2 7	9,262	12 3	19,719	6 4
Telegraph do	17,60	11 10	734	15 2	10,25	12 8
Permanent Way	23,602	7 2	16,441	3 10	7,161	3 4
General Charges	3,876	6 8	1,223	14	2,652	8 8
Fire Insurance fund	3,151	8 1	2,885	14 2	265	9 11
Total	119,881	15	57,301	7 8	62,580	7 4

11. The gross weight that is the weight of the trains, engine and tender, with the loads, carried during the half year over a distance of one mile was

South West Line—North West Line
 tons—103,628,410—16,099,798.

which corresponds very closely with the gross weight conveyed for the half year ending 31st December 1865, and as the net receipts for the latter exceed those for the half year under consideration, the receipts per ton of gross weight have diminished. This is attributable to a smaller load having been conveyed by the Goods Wagons.

12. The net receipts from the four principal classes of traffic were per ton per mile as follows

	Half year ending 31 st December 1866		Half year ending 31 st December 1865		Increase		Decrease	
	South West Line	North West Line	South West Line	North West Line	South West Line	North West Line	South West Line	North West Line
Passengers	Pies	Pies	Pies	Pies	Pies	Pies	Pies	Pies
First class	1.73	0.60	1.69	0.12	0.04	0.48	"	"
Second do	1.73	0.45	1.69	0.31	0.24	0.14	"	"
Third do	7.81	7.28	6.63	8.31	1.18	"	"	1.03
Goods	1.28	2.09	1.50	2.73	"	"	0.22	0.34

The

13. The annexed statements show the number of passengers of each class, and the receipts realized.
South West Line.

	Miles open 49 1/2 Half year ending 31 st December 1866		Miles open 49 1/2 Half year ending 31 st December 1865		Increase		Decrease		Percentage of Increase		Percentage of Decrease	
Passengers	Receipts	No.	Receipts	No.	Receipts	No.	Receipts	No.	Receipts	No.	Receipts	No.
First class	4,278	57,626	5346	60,177	"	"	1068	2,541	"	"	19.98	4.22
Second class	82,558	70,472	44,607	78,576	"	"	12,049	8,104	"	"	27.01	10.31
Third class	670,454	527,110	722,365	559,974	"	"	48,911	22,870	"	"	6.77	5.87

North West Line.

	Miles open 14 1/8 Half year ending 31 st December 1866		Miles open 119 1/4 Half year ending 31 st December 1865		Increase		Decrease		Percentage of Increase		Percentage of Decrease	
Passengers	Receipts	No.	Receipts	No.	Receipts	No.	Receipts	No.	Receipts	No.	Receipts	No.
First class	272	2,226	228	1,299	44	927	"	"	19.20	7.36	"	"
Second do	2,175	4,060	2,164	2,622	11	1,438	"	"	0.51	54.84	"	"
Third do	178,788	100,268	142,820	82,026	37,118	17,322	"	"	17.43	20.87	"	"

14. It will be observed that the third class Passenger traffic continues to be far more remunerative than any other.

15. The increase in numbers and receipts on the North West Line is satisfactory, being nearly in proportion to the additional length of line open.

16. The results of the half year's operation are not on the whole favorable. But the season was an unusually bad one, and the produce of the country ^{generally} was far below the average. The general distress also which prevailed among the lower classes, must have had the effect of diminishing the number of travellers.

17. The goods traffic was however mainly affected by the falling off in the demand for Cotton at the former high prices. The quantity conveyed during last half year was less than one sixth of that conveyed during the half year

year ending 31st December 1865, (99,700 Maunds and 601,000 Maunds respectively,) and the receipts from this article were only Rupees 97,915 as compared with 3,72,362.

South West Line.

	Half year ending 31 st December 1866		Half year ending 31 st December 1865		Increase		Decrease		Percentage Increase		Percentage Decrease	
	Loos	Receipts	Loos	Receipts	Loos	Rupees	Loos	Rupees	Loos	Rupees	Loos	Rupees
Goods &c												
Merchandise &c	14,662	120,704	1,35,228	11,65,500	5,324	42,634	"	"	3.93	3.65	"	"
Railway materials	14,704	52,626	12,320	68,657	"	"	4,616	16,021	"	"	23.89	23.3
Miscellaneous	"	7,220	"	50,241	"	2,3069	"	"	"	45.91	"	"

North West Line

Goods &c													
		Loos	Receipts	Loos	Receipts	Loos	Rupees	Loos	Rupees	Loos	Rupees	Loos	Rupees
Merchandise &c		30,275	1,58,982	29,591	1,80,723	684	"	21,741	2.31	"	"	12.0	"
Railway materials		8,649	86,628	12,284	79,329	"	7,299	3,635	"	"	9.20	29.75	"
Miscellaneous		"	5,520	"	3,694	"	1,826	"	"	"	49.70	"	"

18. The working expenses for the South West and North West Lines were 48.88 and 32.38 percent respectively of the gross receipts. These expenses, I regret to observe, are gradually increasing.

increasing at least on the South West Line.
For the half year ending 30th June 1866,
the percentage upon gross earnings was 46.61,
and 32.94 on South West and North West
Lines respectively; and for the half year ending
31st December 1865, it was 44.10 and 27.02.

9. The higher rate of expenditure on
Revenue Account during the past half year, is
chiefly attributable to the increased charges
in the Engineering Department, partly in con-
sequence of 5 months of Maintenance Expendi-
ture on the Bangalore Branch having fallen
upon Revenue, the Branch having been opened
in August 1864; and partly to the value of tools
and stock in the several Engineering Divisions
having also been charged off to Revenue.

10. The return of late trains shows
considerable increase in the number of detentions,

as

55
as compared with the working for the half
year ending 31st December 1865. The prin-
cipal delays have however occurred, by
trains running short journeys and by
those on the Branch lines. Recently there
has been a considerable improvement in
the working of the trains generally; and
several of the shorter trains have been allowed
a longer time for performing the journey, to
anticipate in consequence a considerable re-
duction in the number of detentions for the
current half year. There have been no de-
lays by serious accidents.

Madras
7th June
1867

I have the honor to
Sir,
your most obedient servant.

W. H. M. Lieut. Colonel R. E.

Consulting Engineer for Railways

In a letter from the
Consulting Engineer for
Railways to the Secre-
tary to Government
Public Works Depart-
ment dated 7 June
1867 A. 173.

78 2142/67.
recd. 22 June 1867 L. 499

N. 17.

Return showing the
Stones, Troops, Mails &c for
the Half Year ending 31st Decr/66.

RAILWAY DEPARTMENT

From
The Consulting Engineer
for Railways

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

Dated 7th June 1867
Received 10th June 1867

Recd. No. 173

Submitting to Government
the Traffic Analysis of
August for last year end-
ing 31st December 1866.
24 June 1867

Ch. 499

12 June 1867 A. 139

Return showing the stores, Troops, Mails and Post office Servants carried on the Madras South West and North West Lines and Bangalore Branch Railway during the half year ending the 31st December 1866.

Stores							Troops		Mails		Baggage of Troops Conveyed free. None	Railway Charges			Railway Charges which would have been made to the Public.			Passing to Government		Remarks.
Ordnance Department	Horses	Horses And	Clothing	Public Works Department	Stationery Department	Medical Department	Number	Luggage	None	Mail Servants.										
None	None	Nº	None	None	None	None		None		Nº		Rs	A	P	Rs	A	P	Rs	A	P
75		"	"	"	"	"	"	"	"	"	"	3,017	12	.	"	"	"	"	"	"
	327	"	"	"	"	"	"	"	"	"	"	5,390	12	.	"	"	"	"	"	"
		34	"	"	"	"	"	"	"	"	"	682	12	6	"	"	"	"	"	"
			8	"	"	"	"	"	"	"	"	159	3	.	"	"	"	"	"	"
				88	"	"	"	"	"	"	"	2,708	9	"	"	"	"	"	"	"
					34	"	"	"	"	"	"	1,006	8	.	"	"	"	"	"	"
						1	"	"	"	"	"	25	2	.	"	"	"	"	"	"
							3420	"	"	"	"	13,453	10	.	17,693	12	8	4,240	2	8
								108	"	"	"	4,677	4	.	"	"	"	"	"	"
												4,485	24	subd						
																		</		

4,48,524 Rs at 4 pds per mile

46

Madras
Cons: Eng^r's office
7 June 1867

J. A. Smith Colonel R.E.
Consulting Engineer for Railways

In a letter from the
Consulting Engineer for
Railways to the Secretary
to Government Public
Works Department dated
7th June 1867 A^c 173.

1824/25
 Dec 26 June 16 of 1899

1215

North West Line

Statement showing the average number of miles open the total working Expenses &c in Half Yearly periods.

In a letter from the
Consulting Engineer for
Railways to the Secretary
to Government Public
Works Department
dated 7 June 1867 No
173.

1867/24 June 1867 and 1869
No 9.

South West Line.

Statement showing the
average number of miles open,
the total working expenses &c.
in half yearly periods.

In a letter from the
Consulting Engineer for
Railways to the Secretary
to Government Public
Works Department dated
7 June 1867 No 173.

1867/24 June 1867

South West Line

No 9

Statement showing in half
years from 1867 the results
of expenditure and traffic &c.

North West St
Statement showing in half-yearly periods, the Receipts, Expenditure, Profits, & also per week for mile of Road laid

Half year ending	Number of Miles open	Receipts	Expenditure	Profit	Result
30 June 1862	26 $\frac{3}{4}$	Rs 25299 9 3	Rs 22172 1 2	Rs 3127 8 1	Rs 972
31 st Decr 1862	Average 35 $\frac{1}{4}$	37,353 4 3	22,781 1 10	14,572 2 5	1436
30 June 1863	41 $\frac{1}{4}$	61,405 11 1	37,459 1 4	23,946 9 9	2364
31 st Decr 1863	41 $\frac{1}{4}$	72,172 12 3	36,862 9 6	35,310 2 9	2774
30 June 1864	41 $\frac{1}{4}$	78,169 4 1	37,876 6 9	40,292 13 4	3006
31 st Decr 1864	Average 60 $\frac{1}{4}$	1,33,325 5 7	57,301 7 8	76,023 13 11	5128
30 June 1865	79 $\frac{1}{4}$	1,67,416 11 1	72,069 3 1	90,347 8	6247
31 st Decr 1865	Average 106	3,60,627 13 5	97,438 5 8	2,63,189 7 9	13371
30 June 1866	119 $\frac{1}{4}$	3,00,031 1 4	99,804 4 2	2,00,226 13 2	11653
31 st Decr 1866	Average 148	3,70,213 11 7	119,881 15	2,50,331 2 7	14237

Madras
Cno: Engineer Office
7.1.1867.

open, per train mile and per engine mile, percentage of working expenses, and annual rate of percentage of profit on Capital expended.

Average

Expenses per train mile	Profit per train mile	Receipts per train mile	Expenses per engine mile	Profit per engine mile	Receipts per engine mile	Expenses per mile	Profit per mile	Receipts per mile	Expenses per mile	Profit per mile	Receipts per mile	Percentage of working expenses	Annual rate of profit on Capital expended
Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs
858	120	946	829	117	128	121	0.17	1.21	1.21	0.17	1.21	0.16	0.12
876	560	1060	646	414	154	0.94	0.60	1.17	1.17	0.90	0.90	0.57	0.52
1441	921	1489	908	581	221	1.25	0.86	2.10	2.10	1.28	1.28	0.82	0.73
1418	1358	1750	894	856	255	1.00	1.23	2.21	2.21	1.13	1.13	1.13	1.01
1457	1549	1895	918	977	282	1.26	1.56	2.24	2.24	1.12	1.12	1.21	0.99
2204	2924	2213	951	1262	212	1.04	1.78	2.65	2.65	1.14	1.14	1.51	1.17
2172	2475	2049	909	1140	288	1.28	1.60	2.52	2.52	1.12	1.12	1.40	1.84
2147	10123	2402	919	2483	427	1.15	3.12	3.84	3.84	1.04	1.04	2.80	4.26
2829	7816	2541	837	1704	351	1.16	2.25	3.10	3.10	1.02	1.02	2.08	2.78
4611	9628	2501	810	1691	359	1.16	2.43	3.21	3.21	1.04	1.04	2.17	3.02

Edmundson Lieutenant Colonel R.E.
Consulting Engineer for Railways.

In a letter from the Consulting Engineer for Railways to the Secretary to Government Public Works Department dated 7 June 1867 No. 173.

W 242/67.
Proc. 24 June 1867 do 1869.
No. 9.

South West Line.

Statement showing the average number of miles open, the total working expenses &c. in half yearly periods.

In a letter from the Consulting Engineer for Railways to the Secretary to Government Public Works Department dated 7th June 1867 A^o 173.

1/4/2/4

No. 8.

South West Line
Statement showing in half yearly periods the Receipts, Expenditure, and Profits &c.

South West Line and Bangalore Branch
Note must show the average number of miles open, the total working expenses, the working expenses per mile open, the total receipts, the receipts per mile open, the net receipts per mile open, and the percentage of net to gross receipts per mile open.

Half year ending	Shut out number of miles open.	Total Working expenses.	Receipts per mile open.	Total Receipts.	Receipts per mile open.	Total Receipts (including 90% of 3000 Receipts)	
30 th June 1862	Shut out 17	5,73,946	1,811	7,34,067	2,316	505	2180
31 st Decr 1862	406	6,56,888	1,618	9,19,952	2,266	648	2860
30 th June 1863	406	8,33,062	2,052	10,98,956	2,707	655	2420
31 st Decr 1863	406	8,51,100	2,096	13,20,969	3,254	1,158	3559
30 th June 1864	406	7,28,401	1,794	14,81,089	3,648	1,854	5082
31 st Decr 1864	Shut out 477	8,79,539	1,844	17,16,474	3,598	1,754	4875
30 th June 1865	492	9,29,238	1,889	18,00,054	3,659	1,770	4837
31 st Decr 1865	492	9,23,795	1,878	20,95,150	4,258	2,380	5589
30 th June 1866	492	9,45,314	1,921	20,27,978	4,122	2,201	5340
31 st Decr 1866	492	10,16,509	2,066	20,79,720	4,227	2,161	5112

Madras
(Care of Engineer for Railways)
7 June 1867

Received by the Consulting Engineer for Railways.

1/4/2/4

1/4/2/4

per mile of Railway open, per train-mile and, per Engine-mile; per-centage of working expenses

per mile of Railway open, per train-mile and, per Engine-mile; per-centage of working expenses

Average

Capital Profit per mile of Railway open	Receipts per mile of Railway open	Expenses per mile of Railway open	Profit per mile of Railway open	Receipts per train-mile	Expenses per train-mile	Profit per train-mile	Receipts per Engine-mile	Expenses per Engine-mile	Profit per Engine-mile	Percentage of Working Expenses	Annual rate of Interest = centage of Capital on Capital expended
Rs 6128	Rs 2216	Rs 1811	Rs 435	Rs 290	Rs 227	Rs 63	Rs 247	Rs 193	Rs 54	Rs 7819	Rs
Rs 10118	Rs 2266	Rs 1613	Rs 648	Rs 272	Rs 194	Rs 78	Rs 243	Rs 174	Rs 69	Rs 7140	Rs 1.24
Rs 10229	Rs 2207	Rs 2052	Rs 655	Rs 201	Rs 225	Rs 73	Rs 266	Rs 202	Rs 64	Rs 7580	Rs 1.12
Rs 18071	Rs 2254	Rs 2076	Rs 1158	Rs 242	Rs 221	Rs 121	Rs 292	Rs 188	Rs 104	Rs 6443	Rs 1.92
Rs 28950	Rs 2648	Rs 1794	Rs 1854	Rs 315	Rs 155	Rs 160	Rs 289	Rs 142	Rs 147	Rs 4918	Rs 2.80
Rs 22170	Rs 3598	Rs 1844	Rs 1754	Rs 309	Rs 158	Rs 151	Rs 276	Rs 142	Rs 134	Rs 5124	Rs 3.08
Rs 22493	Rs 3659	Rs 1857	Rs 1770	Rs 308	Rs 159	Rs 149	Rs 279	Rs 144	Rs 135	Rs 5162	Rs 3.06
Rs 45052	Rs 4283	Rs 1878	Rs 2380	Rs 357	Rs 157	Rs 200	Rs 326	Rs 144	Rs 182	Rs 4409	Rs 4.08
Rs 41641	Rs 4122	Rs 1921	Rs 2201	Rs 369	Rs 172	Rs 197	Rs 337	Rs 157	Rs 80	Rs 4661	Rs 3.64
Rs 40893	Rs 4227	Rs 2066	Rs 2161	Rs 356	Rs 174	Rs 182	Rs 314	Rs 154	Rs 160	Rs 4887	Rs 3.43

Submitted to the Committee of the Board of Directors

(Consulting Engineer for Railways)

Madras South Coast Railway.
 Statement showing in half-yearly periods, the Receipts, Expenditure, and Profit, and also the
 and annual rate of interest of the capital of the Company.

Half Year ending	Number of Miles open.	Receipts	Expenditure	Profit.	Per Mile or Per Train
30 th June 1862	Average 317	Rs 40	Rs 20	Rs 20	28222
31 st Decemr, 1862	406	7,34,066 10 8	5,73,946 15 10	1,60,120 10 10	35382
31 st Decemr, 1862	406	9,19,951 8 11	6,56,887 15	2,63,063 9 11	42268
31 st Decemr, 1862	406	13,98,756 1 2	8,32,003 7 3	5,66,752 3 9	50806
31 st Decemr, 1862	406	13,20,968 12 6	8,51,099 11 8	4,69,869 10 8	56965
31 st Decemr, 1862	406	14,81,087 12 4	9,28,401 6 10	5,52,687 11 6	66017
31 st Decemr, 1862	406	17,16,473 11 8	8,79,539 6 9	8,36,934 4 11	69223
31 st Decemr, 1862	406	18,00,053 14 9	9,29,237 10 4	8,70,816 4 8	80583
31 st Decemr, 1862	406	20,95,150 7 9	9,43,795 6 2	11,51,355 1 7	71991
31 st Decemr, 1862	406	20,37,977 12 10	9,45,313 9 3	10,82,664 3 7	79989
31 st Decemr, 1862	406	20,79,720 4 11	10,16,509 8	10,63,211 4 3	

Madras
 Co. : Engineering
 7th June 1867

Return of Time consumed
 from the 1st May 1866
 ending 31st Decemr 1866

1866
 1867
 1868
 1869

On a letter from the
 Consulting Engineer for
 Railways to the Secy =
 Secy to Government
 Public Works Department
 dated 7 June 1869

On a letter from the
 Consulting Engineer for
 Railways to the Secy
 to the Government
 dated 7th Decr 1867.

per 21/12/67

at 8.

South West line
 Statement showing in
 half year ending the
 Receipts, Expenditure and
 Profit &c.

173.

South West line and Bangalore Branch

Statement showing the average number of miles open, the total working expenses, the working expenses
 per mile open, the total receipts, the receipts per mile open, and the percentage of net to gross receipts
 per mile open.

Half Year ending	Average number of miles open.	Total Working expenses.	Working expenses per mile open.	Total Receipts.	Receipts per mile open.	Percentage of net to gross receipts per mile open.
		Rs	Rs	Rs	Rs	Rs
20 th June 1862	Average 317	5,72,946	1,811	7,34,067	2,316	505
21 st Decr 1862	406	6,56,888	1,618	9,19,952	2,266	648
20 th June 1863	406	8,23,002	2,052	10,98,956	2,707	655
21 st Decr 1863	406	8,51,100	2,096	13,20,969	3,254	1,158
20 th June 1864	406	7,28,401	1,794	14,81,089	3,648	1,854
21 st Decr 1864	Average 477	8,79,529	1,844	17,16,474	3,598	1,754
20 th June 1865	492	9,29,238	1,889	18,00,054	3,659	1,770
21 st Decr 1865	492	9,23,795	1,878	20,95,150	4,258	2,380
20 th June 1866	492	9,45,314	1,921	20,27,978	4,122	2,201
21 st Decr 1866	492	10,16,509	2,066	20,79,720	4,227	2,161

Madras
 (Secy: Engg^y office)
 7th June 1867

Submitted by
 Consulting Engineer for Railways.

D
 21/12/67

In a letter from the
 Consulting Engineer for
 Railways to the Secretary
 to Government Public
 Works Department dated
 7 June 1867 No. 173.

10/24/2/67
 Received June 16/67

No. 14

North West Line
 Statement showing in half
 yearly periods the Receipts
 Expenditure and Profits &c.

South West Line
 Statement showing the
 average number of miles open,
 the total working or business &c.
 in half yearly periods.

10/24/2/67
 Received June 16/67

In a letter from the
 Consulting Engineer for
 Railways to the Secretary
 to Government Public
 Works Department
 dated 7 June 1867 No.
 173.

Statement showing in half-yearly periods, the Receipts, Expenditure, Profits, & Losses per week, per mile of Roadway.

Half year ending	Number of Miles open	Receipts	Expenditure	Profit	Receipts per mile
30 June 1862	26 $\frac{3}{4}$	25,299 9 3	22,172 1 2	3,127 8 1	972
31 st Decr 1862	Average 35 $\frac{1}{4}$	37,353 4 3	22,781 1 10	14,572 2 5	1431
30 June 1863	41 $\frac{1}{4}$	61,405 11 1	37,469 1 4	23,946 9 9	2,364
31 st Decr 1863	41 $\frac{1}{4}$	72,172 12 3	36,862 9 6	35,310 2 9	2,774
30 June 1864	41 $\frac{1}{4}$	78,169 4 1	37,876 6 9	40,292 13 4	3,006
31 st Decr 1864	Average 60 $\frac{1}{4}$	133,325 5 7	57,301 7 8	76,023 13 11	5,128
30 June 1865	79 $\frac{1}{4}$	162,416 11 1	72,069 3 1	90,347 8	6,247
31 st Decr 1865	Average 106	360,627 13 5	97,438 5 8	263,189 7 9	13,871
30 June 1866	119 $\frac{1}{4}$	300,031 1 4	99,804 4 2	200,226 13 2	11,655
31 st Decr 1866	Average 148	370,213 11 7	119,881 15	250,331 2 7	14,207

Madras
Genl. Comptrolr Office
7th June 1867

Average)

For Information Lieutenant Colonel R. E.
Consulting Engineer for Railways.

PN 242/64.
Pres: 24" June 167 du 2499.

No 9.

South West Line,

Statement showing the
average number of miles open,
the total working expenses &c.
in Half yearly periods.

In a letter from the
Consulting Engineer for
Railways to the Secre-
tary to Government
Public Works Department
dated 7 June 1867 A.
173.

21/4/2/67

No. 8.

South West Line
Statement showing in
half yearly periods the
Receipts, Expenditure and
Profits &c.

State must showing the average number of miles open, the total working expenses, the working expenses
per mile open, the total receipts, the receipts per mile open, the net receipts per mile open, and the percentage of net to gross receipts
per mile open.

Half Year ending	Total number of miles open.	Total working expenses.	Total Receipts.	Net Receipts (Receipts less working expenses).	Percentage of net to gross receipts.		
30 June 1862	406	572,946	1,811	734,067	2,316	505	21.80
31 st Decr 1862	406	656,888	1,618	919,952	2,266	648	28.60
30 June 1863	406	833,002	2,052	1,098,956	2,707	655	24.20
31 st Decr 1863	406	851,100	2,096	1,320,969	3,254	1,158	35.59
30 June 1864	406	728,401	1,794	1,481,089	3,648	1,854	50.82
31 st Decr 1864	406	879,539	1,844	1,716,474	3,598	1,754	48.75
30 June 1865	492	929,238	1,889	1,800,054	3,659	1,770	48.37
31 st Decr 1865	492	923,795	1,878	2,095,150	4,258	2,380	55.89
30 June 1866	492	945,314	1,921	2,027,978	4,122	2,201	53.40
31 st Decr 1866	492	1,016,509	2,066	2,079,720	4,227	2,161	51.12

Madras
(Over: Engineering Office)
7 June 1867

Robert M. Elliott, C. E.
Consulting Engineer for Railways.

headed.

Consulting Engineer for Railways.

Statement showing in half-yearly periods, the Receipts, Expenditure, and Profits, and the annual rate of net-earnings of profit on Capital then

Number of Miles open. Receipts Expenditure Profit. (Grand Profit with 1867)

Half year ending	Number of Miles open.	Receipts	Expenditure	Profit.	(Grand Profit with 1867)
30 th June, 1862	217	7,34,066 10 8	5,73,946 13 10	1,60,120 10 10	2322
31 st (December), 1862	401	9,19,961 8 11	6,56,887 15 -	2,63,063 9 11	2533
31 st (June), 1863	406	10,77,766 1 2	8,32,003 7 3	2,45,762 9 11	4208
30 th (June), 1864	406	13,20,468 12 6	8,51,099 11 8	4,69,369 - 9	5986
31 st (December), 1864	477	14,81,089 12 4	7,28,401 6 10	7,52,687 11 6	5696
30 th (June), 1865	492	17,16,472 11 8	8,79,539 6 9	8,36,934 4 11	6617
31 st (December), 1865	492	18,00,053 14 9	9,29,237 10 1	8,70,816 4 8	19223
30 th (June), 1866	492	20,95,150 7 9	9,43,795 6 2	11,51,355 1 7	80583
31 st (December), 1866	492	20,27,977 12 10	9,45,213 9 3	10,82,764 3 7	71917
31 st (December), 1866	492	20,79,720 4 11	10,16,509 - 8	10,63,211 4 3	79939

Madras
Genl. Engineer's Office
7th June 1867

Return of the Expenditure
Showed for the Half year
ending 31st (December) 1866

1866
p 21/12/67
Nov: 21st Dec: 14th to 499

1863.
On a letter from the
Consulting Engineer for
Chakragiri to the Secy =
Lay to Government
Public Works Department
dated 7th June 1869.

South West Line
of Kalamazoo showing in
half yearly periods the
Rights, Expropriation, and
Profit to you.

Reddick ~~W~~ ^H Liatt Colored P. O.
Consulting Engineer for Railways.

It must show, the average number of miles open, the total working expenses, the working expenses per mile open, the total receipts, the receipts per mile open, and the percentage of net to gross receipts per mile open.

Half Year ending	Amesago number of miles open.	Total Working wheeled.	Working open per mile open.	Total Receipts.	Receipts per Mile open.	No	No
30 th June 1862	Amesago 317	5,72,946	1811	7,24,067	2,316	505	21.80
31 st (Decr) 1862	406	6,56,888	1,618	9,19,952	2,266	648	28.60
30 th June 1863	406	8,33,002	2,052	10,98,956	2,707	655	24.20
31 st (Decr) 1863	406	8,51,100	2,096	13,20,969	3,254	1,158	35.59
30 th June 1864	406	7,28,401	1,794	14,81,089	3,648	1,854	50.82
31 st (Decr) 1864	Amesago 477	8,79,529	1,844	17,16,474	3,598	1,754	48.75
30 th June 1865	492	9,29,228	1,889	18,00,054	3,659	1,770	48.37
31 st (Decr) 1865	492	9,23,795	1,878	20,95,150	4,258	2,380	55.89
30 th June 1866	492	9,45,314	1,921	20,27,978	4,122	2,201	53.40
31 st (Decr) 1866	492	10,16,509	2,066	20,79,720	4,227	2,161	51.12

In a letter from the
 Consulting Engineer for
 Railways to the Secretary
 to Government Public
 Works Department dated
 7 June 1867 No 173.

6812
 Prov: 24 June 1867 In L 199

No 14

North West Line

Statement showing in half
 yearly periods the Receipts
 Expenditure and Profits &c.

South West Line
 Statement showing the
 average number of miles of
 the total working of the
 in half yearly periods.

No 9

6812
 Prov: 24 June 1867 In L 199

In a letter from the
 Consulting Engineer for
 Railways to the Secretary
 to Government Public
 Works Department
 dated 7 June 1867 No
 173.

North West
Statement showing in half-yearly periods, the Receipts, Expenditure, Profits, & losses per week, per mile of Railway.

Half year ending	Number of Miles open	Receipts	Expenditure	Profit	Per mile
30 June 1862	26 $\frac{3}{4}$	25299 9 3	22172 1 2	3127 8 1	972
31 st Decr 1862	Average 35 $\frac{1}{4}$	37353 4 3	22781 1 10	14572 2 5	1438
30 June 1863	41 $\frac{1}{4}$	61405 11 1	37459 1 4	23946 9 9	2364
31 st Decr 1863	41 $\frac{1}{4}$	72172 12 3	36862 9 6	35310 2 9	2776
30 June 1864	41 $\frac{1}{4}$	78169 4 1	37876 6 9	40292 13 4	3006
31 st Decr 1864	Average 60 $\frac{1}{4}$	133325 5 7	57301 7 8	76023 13 11	5128
30 June 1865	79 $\frac{1}{4}$	162416 11 1	72069 3 1	90347 8 .	6247
31 st Decr 1865	Average 106	360627 13 5	97438 5 8	263189 7 9	13870
30 June 1866	119 $\frac{1}{4}$	300031 1 4	99804 4 2	200226 13 2	11653
31 st Decr 1866	Average 148	370213 11 7	119881 15 .	250331 2 7	14239

W. Adams
Clerk: Engineer's Office
7th Decr 1867

open, per Steam mile and per Engine mile, per centage of working expenses, and annual rate of percentage of profit on Capital expended.

Average									
Expend- ture per week.	Profit per week	Receipt-Expendi- ture per mile of Railway oper.	Profit- per mile of Railway oper.	Receipt-Expendi- ture per train mile.	Profit- per train mile.	Receipt-Expendi- ture per Engine mile.	Profit- per Engine mile	Percentage of Expend- ture	Annual rate of Profit on Capital
852	120	Do	Do	Do	Do	Do	Do	Do	Do
876	560	829	117	128	0.17	1.21	0.16	87.64	0.12
1441	921	646	414	1.54	0.60	0.94	0.57	60.99	0.52
1418	1358	908	581	2.21	0.86	1.25	0.82	61.00	0.73
1457	1549	894	856	2.55	1.23	1.00	1.13	51.08	1.01
2204	2924	918	977	2.82	1.56	1.26	1.21	49.73	0.99
2772	3475	951	1262	3.12	1.78	1.24	1.51	42.98	1.77
3747	10123	909	1140	2.88	1.60	1.28	1.40	44.37	1.84
3829	7816	919	2482	4.27	3.12	1.15	2.80	27.02	4.26
4611	9628	837	1704	3.51	2.35	1.16	2.08	32.94	2.78
		810	1691	3.59	2.43	1.16	1.04	32.38	3.02

for ~~Construction~~ Lieutenant Colonel R. E.
Consulting Engineer for Railways.

In a letter from the
Consulting Engineer for
Railways to the Secretary
to Government Public
Works Department
dated 7 June 1867 No.
173.

PR 2142/64.
Proc: 24" June 187 du 2499.
N^o 9.

South West Line.

Statement showing the
average number of miles open,
the total working expenses &c.
in Half yearly periods.

In a letter from the
Consulting Engineer for
Railways to the Secre-
tary to Government
Public Works Department
dated 7 June 1867 A.C.
173.

PO 21/12/67

No 8.

South West Line
Statement showing in
half yearly periods the
Receipts, Expenditure and
Profits &c.

Should work done and, Bangalore, Mysore
Statement showing the average number of miles open, the total working expenses, the working expenses
per mile open, the total receipts, the receipts per mile open, the net receipts per mile open, and the percentage of net to gross receipts
per mile open.

Half Year ending	Total Receipts per mile open.	Total Working expenses. per mile open.	Total Receipts. per mile open.	Net Receipts per mile open.	Percentage of net to gross receipts per mile open.		
30 June 1862	406	5,72,946	1,811	7,34,067	2,316	505	21.80
31 st Decr 1862	406	6,56,888	1,618	9,19,952	2,266	648	28.60
30 June 1863	406	8,33,003	2,052	10,98,956	2,707	655	24.20
31 st Decr 1863	406	8,51,100	2,096	13,20,969	3,254	1,158	35.59
30 June 1864	406	7,28,401	1,794	14,81,089	3,648	1,854	50.82
31 st Decr 1864	406	8,79,539	1,844	17,16,474	3,598	1,754	48.75
30 June 1865	492	9,29,238	1,889	18,00,054	3,659	1,770	48.37
31 st Decr 1865	492	9,23,795	1,878	20,95,150	4,258	2,380	55.89
30 June 1866	492	9,45,314	1,921	20,27,978	4,122	2,201	53.40
31 st Decr 1866	492	10,16,509	2,066	20,79,720	4,227	2,161	51.12

Madras
(Genl. Engg. Office)
7 June 1867

Received by the
Consulting Engineer for Railways.

PO 21/12/67

31.1.77

Working Bangalore Branch.

Rs. per mile of Railway open, per train-mile and per Engine-mile; per-centage of working expenses included.

Average									
No.	Profit per week	Receipt - Expen = net mile dist. per open of Railway		Receipt - Expen = net train mile		Receipt - Expen = net Engine mile		Percentage of Working Expenses	Annual rate of Interest = centage of Profit on Capital employed
		Rs	P	Rs	P	Rs	P		
22075	6158	2,216	1811	505	2,90	2,27	.63	Rs 78.19	Rs .78
22115	10118	2,266	1618	648	2,72	1,94	.78	71.40	1.24
22119	10729	2,707	2,052	655	2,01	2,28	.73	75.80	1.12
22135	18071	2,254	2,096	1158	2,42	2,21	1.21	64.43	1.92
22045	28950	2,648	1,794	1,854	2,15	1,55	1.60	49.18	2.80
22118	22190	2,598	1,844	1,754	2,09	1,58	1.51	51.24	3.08
22140	22493	2,659	1,889	1,770	2,08	1,59	1.49	51.62	3.06
22111	45052	4,258	1,878	2,380	2,57	1,57	2.00	44.09	4.08
22118	41641	4,122	1,921	2,201	2,69	1,72	1.97	46.61	3.64
22116	40893	4,227	2,066	2,161	2,56	1,74	1.82	48.87	3.43

Alfred Smith (Colonel R.E.)

Consulting Engineer for Railways.

Statement showing in half-yearly periods, the Receipts, Expenditure, and Profit, and the use and annual rate of percentage of capital from

Madras District West Division, 1862

Half year ending Number of Receipts Expenditure Profit. Grand Total

30 June, 1862	217	7,34,666 10 8	5,73,946 15 10	1,60,720 10 10	28,220	22
31 Decemr, 1862	406	9,19,961 8 11	6,56,887 15	2,63,063 9 11	25,331	25
31 Decemr, 1863	406	10,78,746 1 2	8,32,003 7 2	2,46,742 9 11	42,742	22
30 June, 1864	406	13,20,968 12 2	8,51,099 11 8	4,69,869 9	50,869	28
31 Decemr, 1864	477	14,31,039 12 4	7,28,401 6 10	7,02,637 11 6	54,966	25
30 June, 1865	492	17,16,472 11 8	8,79,539 6 9	8,36,934 4 11	60,117	25
31 Decemr, 1865	492	18,00,052 4 9	9,79,237 10 1	8,70,816 4 8	69,237	25
30 June, 1866	492	20,95,150 7 9	9,42,795 6 2	11,71,355 1 7	80,583	25
31 Decemr, 1866	492	20,27,977 12 10	9,45,212 9 3	10,82,664 3 7	79,977	25
		20,79,720 4 11	10,16,509 8	10,63,211 4 3	79,959	3

Madras District
 7. June 1867

Return of Fire Insurance
 Shows the for the half year
 ending 31 Decemr 1866

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On a letter from the
 Consulting Engineer for
 Madras to the Secy =
 Secy to Government
 Public Works Department
 dated 7 June 1867

On a letter from the
 Consulting Engineer for
 Railways to the Secy
 to Govt. Government
 dated 7th Dec 1867.

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In a letter from the
Consulting Engineer for
Railways to the Secretary
to Government Public
Works Department dated
7 June 1867 No 173.

10/11/1867
Provisd June 1867 in L 149

No 14

North West Line
Statement showing in half
yearly periods the Receipts
Expenditure and Profits &c.

North West Line
Statement showing the
average number of miles open,
the total working expenses &c.
in half yearly periods.

No 9.

10/11/1867
Provisd June 1867 in L 149

173.

In a letter from the
Consulting Engineer for
Railways to the Secretary
to Government Public
Works Department
dated 7 June 1867 No 173.

Statement showing in half-yearly periods, the Receipts, Expenditure & Profits, & also per mile for mile of Railway of North-Western

Half year ending	Number of Miles open	Receipts	Expenditure	Profit	Per mile
30 June 1862	26 $\frac{3}{4}$	25299 9 3	22172 1 2	3127 8 1	97 $\frac{1}{2}$
31 st Decr 1862	Average 35 $\frac{1}{4}$	37353 4 3	22781 1 10	14572 2 5	112 $\frac{1}{2}$
30 June 1863	41 $\frac{1}{4}$	61405 11 1	37459 1 4	23946 9 9	236 $\frac{1}{2}$
31 st Decr 1863	41 $\frac{1}{4}$	72172 12 3	36862 9 6	35310 2 9	277 $\frac{1}{2}$
30 June 1864	41 $\frac{1}{4}$	78169 4 1	37876 6 9	40292 12 4	306 $\frac{1}{2}$
31 st Decr 1864	Average 60 $\frac{1}{4}$	133325 5 7	57301 7 8	76023 13 11	512 $\frac{1}{2}$
30 June 1865	79 $\frac{1}{4}$	162416 11 1	72069 3 1	90347 8 0	624 $\frac{1}{2}$
31 st Decr 1865	Average 106	360627 13 5	97438 5 8	263189 7 9	1357 $\frac{1}{2}$
30 June 1866	119 $\frac{1}{4}$	303031 1 4	99804 4 2	203226 13 2	1163 $\frac{1}{2}$
31 st Decr 1866	Average 148	370213 1 7	119881 15 0	250331 2 7	1423 $\frac{1}{2}$

Madras
Genl. Comptrol Office
7th June 1867.

Average

[illegible]

Edmonton Lieutenant Colonel R. E.
Consulting Engineer for Railways.

In a letter from the
Consulting Engineer for
Railways to the Secretary
to Government Public
Works Department
dated 7 June 1867 A^o
173.

N^o 2442/64.
Proc: 24 June 167 du 2499.
N^o 9.

South West Line.

Statement showing the
average number of miles open,
the total working expenses &c.
in Half yearly periods.

In a letter from the
Consulting Engineer for
Railways to the Secre-
tary to Government
Public Works Department
dated 7 June 1867 A.C.
173.

20/11/2/67

at 8.

South West Line
Statement showing in
half yearly periods the
Receipts, Expenditure and
Profits &c.

South West Line and Bangalore Branch

Statement showing the average number of miles open, the total working expenses, the working expenses per mile open, the total receipts, the receipts per mile open, the net receipts per mile open, and the percentage of net to gross receipts per mile open.

Half year ending	Average number of miles open.	Total working expenses.	Working expenses per mile open.	Total Receipts.	Receipts per mile open.	Net Receipts (working expenses deducted).	Net to gross receipts per mile open.
30 June 1862	Average 317	573,946	1,811	734,067	2,316	505	21.80
31 st Decr 1862	406	656,888	1,618	919,952	2,266	648	28.60
30 June 1863	406	833,003	2,052	1,098,956	2,707	655	24.20
31 st Decr 1863	406	851,100	2,096	1,320,969	3,254	1,158	35.59
30 June 1864	406	728,401	1,794	1,481,089	3,648	1,854	50.82
31 st Decr 1864	Average 477	879,539	1,844	1,716,474	3,598	1,754	48.75
30 June 1865	492	929,238	1,889	1,800,054	3,659	1,770	48.37
31 st Decr 1865	492	923,795	1,878	2,095,150	4,258	2,380	55.89
30 June 1866	492	945,314	1,921	2,027,978	4,122	2,201	53.40
31 st Decr 1866	492	1,016,509	2,066	2,079,720	4,227	2,161	51.12

Madras
(Care: Engineering Office)
7 June 1867

Resubmitted to the
Consulting Engineer for Railways

20/11/2/67

at 8.

20/11/2/67

Including Bangalore Branch.

per week, per mile of Railway open, per train-mile and per Engine-mile; per-centage of working expenses incurred.

Average

Mile or Week	Expenditure per week	Profit per week	Receipt - Expen = per mile of Railway open		Profit per mile of Railway open		Receipt - Expen = per train-mile		Profit per train-mile		Receipt - Expen = per Engine-mile		Profit per Engine-mile	Percentage of Working Expenses	Annual rate of interest = centage of Profit on Capital Employed
			Rs	P	Rs	P	Rs	P	Rs	P	Rs	P			
233	22075	6158	2316	1811	505		290	227	63		247	193	54	7819	Rs
383	25265	10118	2266	1618	648		272	194	78		243	174	69	7140	.78
564	32029	10729	2707	2059	655		201	225	73		266	202	64	7580	1.24
807	32735	18071	3254	2096	1158		342	221	121		292	188	104	6443	1.12
965	28015	28950	3648	1794	1854		315	185	160		289	142	147	4918	1.92
121	33828	- 32190	3598	1844	1754		309	158	151		276	142	134	5124	2.80
223	35740	33493	3659	1889	1770		308	159	149		279	144	135	5162	3.08
583	35531	45052	4258	1878	2380		357	157	200		326	144	182	4409	3.06
797	26358	41641	4122	1921	2201		369	172	197		337	157	80	4661	4.08
789	39096	40893	4227	2066	2161		356	174	182		314	154	160	4887	3.64
															3.13

Submitted to the Committee of the
General Managers of the Railways.

Madras South West Railway

Statement showing in half-yearly periods, the Receipts, Expenditure, and Profit, and also and annual rate of percentage of Profit on Capital

Half Year ending	Number of Miles open.	Receipts	Expenditure	Profit.	Receipts per Mile.
30 th June 1862	Average 317	Rs 40	Rs 40	Rs 40	Rs 40
31 st December 1862	406	7,34,066 10 8	5,73,945 15 10	1,60,120 10 10	28232
June 1863	406	9,19,951 8 11	6,56,887 15	2,63,063 9 11	35388
31 st (December) 1863	406	12,98,356 1 2	8,33,003 7 3	4,65,352 9 11	42268
30 th June 1864	Average 477	13,20,968 12 5	8,51,099 11 8	4,69,869 9	50806
31 st (June) 1864	406	14,81,089 2 4	7,28,401 6 10	7,52,687 11 6	56960
31 st (December) 1864	477	17,16,472 11 8	8,79,539 6 9	8,36,934 4 11	66018
30 th June 1865	492	18,00,053 14 9	9,29,237 10 1	8,70,816 4 8	69233
31 st (June) 1865	492	20,95,150 7 9	9,43,795 6 2	11,51,355 1 7	80583
31 st (December) 1865	492	20,27,977 12 10	9,45,313 9 3	10,82,664 3 7	77997
30 th June 1866	492	20,79,720 4 11	10,16,509 8	10,63,211 4 3	79989
31 st (December) 1866	492				

Madras
Genl: Engineer
7th June 1867

Return of Time consumed
from the 1st May 1866
and up to 31st December 1866

1921/2/67
Nov. 24th Dec. 19/86 No 499

193.
On a letter from the
Consulting Engineer for
Advances to the Govt.
by the Government
of the Madras Railway
dated 7 June 1869.

On a letter from the
consulting engineer for
encouraging to the same
to the Government
with the War Department
dated 7 June 1869.

4/6/46 BCL

is it?

South West Lane
taken most advantage in
half year's period the
Dearth, Expenditure. and
Profit etc.

Post & West line and Bangalore Post

It is to be noted that the average number of miles open, the total working expenses, the net receipts per mile open, and the percentage of net to gross receipts per mile open, the total receipts, the receipts per mile open, and the percentage of net to gross receipts per mile open.

Half Year ending	• Average of number of miles open.	Total Working overhauled.	Working per mile open.	Total Receipts.	Receipts per Mile open.	Net Receipts per Mile open, net to gross Receipts.
	Do	Do	Do	Do	Do	Do
30 th June 1862	Average 317	5,73,946.	1811	7,34,067	2,316	21.80
31 st Decr 1862	406	6,56,888	1,618	9,19,952	2,266	28.60
30 th June 1863	406	8,33,002	2,052	10,98,956	2,707	24.20
31 st Decr 1863	406	8,51,100	2,096	13,20,969	2,254	35.59
30 th June 1864	406	7,28,401	1,794	14,81,089	3,648	50.82
31 st Decr 1864	Average 477	8,79,539	1,844	17,16,474	3,598	48.75
30 th June 1865	492	9,29,238	1,889	18,00,054	3,659	48.37
31 st Decr 1865	492	9,23,795	1,878	20,95,150	4,258	55.89
30 th June 1866	492	9,45,314	1,921	20,27,978	4,122	53.40
31 st Decr 1866	492	10,16,509	2,066	20,79,720	4,227	51.12

Madam
Cous: Eng^d office
7 June 1867

Reuben M. ~~Smith~~ Liunt Colonel R. E.
Consulting Engineer for Railways.

In a letter from the
Consulting Engineer for
Railways to the Secretary
to Government Public
Works Department dated
7 June 1867 No 173.

27/4/67
Prov. 24 June 1867 in 2899

No 14

North West Line

Statement showing in half
yearly periods the Receipts
Expenditure and Profits &c.

South West Line
Statement showing the
average number of miles of
the total working of the line
in half yearly periods.

No 9.

27/4/67
Prov. 24 June 1867 in 2899

173.

In a letter from the
Consulting Engineer for
Railways to the Secretary
to Government Public
Works Department
dated 7 June 1867 No 173.

North West River
Statement showing in half yearly periods, the Receipts, Expenditure & Profit, & value per week per mile of Roadway

Half year ending	Number of Miles open	Receipts	Expenditure	Profit	Value per week per mile
30 th June 1862	26 $\frac{3}{4}$	25299 9 3	22172 1 2	3127 8 1	97 $\frac{1}{2}$
31 st Decr 1862	Average 35 $\frac{1}{4}$	37353 4 3	22781 1 10	14572 2 5	140 $\frac{1}{2}$
30 th June 1863	41 $\frac{1}{4}$	61405 11 1	37459 1 4	23946 9 9	236 $\frac{1}{2}$
31 st Decr 1863	41 $\frac{1}{4}$	72172 12 3	36862 9 6	35310 2 9	277 $\frac{1}{2}$
30 th June 1864	41 $\frac{1}{4}$	78169 4 1	37876 6 9	40292 13 4	306 $\frac{1}{2}$
31 st Decr 1864	Average 60 $\frac{1}{4}$	133325 5 7	57301 7 8	76023 13 11	518 $\frac{1}{2}$
30 th June 1865	79 $\frac{1}{4}$	162416 11 1	72069 3 1	90347 8	624 $\frac{1}{2}$
31 st Decr 1865	Average 106	360627 13 5	97438 5 8	263189 7 9	1337 $\frac{1}{2}$
30 th June 1866	119 $\frac{1}{4}$	303031 1 4	99804 4 2	203226 13 2	1163 $\frac{1}{2}$
31 st Decr 1866	Average 148	370213 11 7	119881 15	250331 2 7	1420 $\frac{1}{2}$

Madras
Cons: Engineer's Office
7th Decr 1867.

lay open, per train mile ends per Engine mile, percentage of working expenses, and annual rate of percentage of profit on Capital expended.

Average									
Expenditure per week.	Profit per week.	Receipt per mile of Railway open.	Expenditure per mile of Railway open.	Profit per mile of Railway open.	Receipt per mile of Railway open.	Expenditure per mile of Railway open.	Profit per mile of Railway open.	Receipt per mile of Railway open.	Expenditure per mile of Railway open.
853	120	946	829	117	138	121	0.17	1.31	1.15
876	560	1060	646	414	154	0.94	0.60	1.47	0.90
1441	921	1489	908	581	221	1.35	0.86	2.10	1.28
1418	1358	1750	894	856	255	1.30	1.23	2.51	1.18
1457	1549	1895	918	977	282	1.36	1.56	2.24	1.13
2204	2924	2213	951	1262	312	1.34	1.48	2.35	1.14
2772	3475	2049	609	1140	288	1.28	1.60	2.52	1.12
3474	10123	3402	916	2483	427	1.15	3.12	3.84	1.04
3829	7816	2541	837	1704	351	1.16	2.35	3.10	1.02
4611	9628	2501	810	1691	359	1.16	2.43	3.21	1.04

Education Lieutenant Colonel R. E.

Consulting Engineers for Railways.

In a letter from the
Consulting Engineer for
Railways to the Secretary
to Government Public
Works Department
dated 7 June 1867 A.C.
173.

PN 242/64.
Proo: 24 June 167 du 1499.

No 9.

South West Line.

Statement showing the average number of miles open, the total working expenses &c. in Half yearly periods.

In a letter from the
Consulting Engineer for
Railways to the Secre-
tary to Government
Public Works Department
dated 7 June 1867 A.
173.

21/4/2/67

No. 8.

South West Line
Statement showing in
half yearly periods the
Receipts, Expenditure, and
Profits &c.

South West Line and Bangalore Road

Statement showing the average number of miles open, the total working expenses, the working expenses per mile open, the total receipts, the receipts per mile open, the net receipts per mile open, and the percentage of net to gross receipts per mile open.

Half Year ending	Average number of miles open.	Total Working Expenses.	Working Expenses per mile open.	Total Receipts.	Receipts per mile open.	Net Receipts per mile open.	Percentage of net to gross receipts.
30 June 1862	406	5,72,946	1,811	7,34,067	2,316	505	21.80
31 st Decr 1862	406	6,56,888	1,618	9,19,952	2,266	648	28.60
30 June 1863	406	8,33,003	2,052	10,98,956	2,707	655	24.20
31 st Decr 1863	406	8,51,100	2,096	13,20,969	3,254	1,158	35.59
30 June 1864	406	7,28,401	1,794	14,81,089	3,648	1,854	50.82
31 st Decr 1864	477	8,79,539	1,844	17,16,474	3,598	1,754	48.75
30 June 1865	492	9,29,238	1,889	18,00,054	3,659	1,770	48.37
31 st Decr 1865	492	9,23,795	1,878	20,95,150	4,258	2,380	55.89
30 June 1866	492	9,45,314	1,921	20,27,978	4,122	2,201	53.40
31 st Decr 1866	492	10,16,509	2,066	20,79,720	4,227	2,161	51.12

Madras
(Secy: Engg. Office)
7 June 1867

Robert M. Nicoll C. Esq. & Co.
Consulting Engineer for Railways.

Madras South West Railway
Statement showing in half-yearly periods, the Receipts, Expenditure, and Profit, and also the annual rate of interest on Capital

Half year ending	Number of Miles open.	Receipts	Expenditure	Profit.	Receipts per Mile
30 th June, 1862	Average 317	300 240 8	200 290	20 20	20
31 st December 1862	406	7,34,066 10 8	5,73,945 15 10	1,60,120 10 10	28233
June 1863	406	7,19,951 8 11	6,56,887 15	2,63,063 9 11	35383
31 st December 1863	406	13,98,956 1 2	8,33,003 7 3	2,65,957 9 11	42268
30 th June 1864	406	13,20,968 12 5	8,51,099 11 8	4,69,869 9	50866
31 st December 1864	Average 477	14,81,089 12 4	7,28,401 6 10	7,52,687 11 6	56965
30 th June 1865	492	17,16,473 11 8	8,79,539 6 9	8,36,934 4 11	66017
31 st December 1865	492	18,00,053 4 9	9,29,237 10 1	8,70,816 4 8	69223
30 th June 1866	492	20,95,150 7 9	9,83,795 6 2	11,71,358 1 7	80583
31 st December 1866	492	20,27,977 12 10	9,45,313 9 3	10,82,664 3 7	77991
		20,79,720 4 11	10,16,509 8	10,63,211 4 3	79989

Madras
Cust: Engineer
7th June 1867

Return of Time consumed
from the 1st May year
ending 31st December 1866

per 21/2/67
from 31st Dec 1866 to 31st Dec 1867

193.

On a letter from the
Contracting Engineer for
Railways to the Secy =
Secy to Government
Public Works Department
dated 7 June 1867.

Working Bangalore Branch.

Rs. per mile of Railway open, per Train-mile and per Engine-mile; per-centage of working expenses incurred.

Average

Sp. l.	Profit per week	Receipt per mile of Railway open	Expense per mile of Railway open	Profit per mile	Receipt per Train-mile	Expense per Train-mile	Profit per Engine-mile	Receipt per Engine-mile	Expense per Engine-mile	Profit per Engine-mile	Percentage of Working Expenses	Annual rate of interest = centage of Profit on Capital employed
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
33	6158	2316	1811	505	290	227	.63	247	193	.54	78.19	78
383	10118	2266	1618	648	272	194	.78	243	174	.69	71.40	124
268	10729	2707	2059	658	301	228	.73	266	202	.64	75.80	112
802	18071	3254	2096	1158	342	221	1.21	292	188	1.04	64.43	192
365	28950	3648	1794	1854	315	158	1.60	289	142	1.47	49.18	280
18	32190	3598	1844	1754	309	158	1.51	276	142	1.34	51.24	308
223	33493	3659	1889	1770	308	159	1.49	279	144	1.35	51.62	306
583	45052	4258	1878	2380	357	157	2.00	326	144	1.82	44.09	408
999	41641	4122	1921	2201	369	172	1.97	337	157	.80	46.61	364
989	40893	4227	2066	2161	356	174	1.82	314	154	1.60	48.87	343

Submitted to the Committee of the Bangalore R.C.

Presenting Engineer for Railways.

Madras Railway

Abstract of Expenditure for Working and Upholding Locomotive Engines for the Half-year ending 31st December 1866.

	Total Miles run by Engines	Foremen Engineers and F.W.'s. men's Wages		Cleaners Cookmen and Water- men's Wages		Working										Cost of		Repairs		Proportion of Superintendents Salary and Establishment		Total cost of Up-keeping Engines and Tenders		
		Total	Per Engine Mile	Total	Per Engine Mile	Coal Consumed		Coal Consumed		Wood Consumed		Total Cost of Fuel per mile	Cost of Oil Tallow, Wastes &c.		Cost of Working		Cost of Repairs of Engines and Tenders		Total	Per Engine Mile	Total	Per Engine Mile		
						Quantity	Cost	Quantity	Cost	Quantity	Cost		Total	Per Engine Mile	Total	Per Engine Mile	Machinels	Wages					Total	Per Engine Mile
S.W. Line	6697071822.9	188819334.11	2.56211731	1571818	511644049 1/2	6756114	17640762961	611451144	158	368	20602.6	59625921115 1/2	633264759445994	56724691210	18912822.93	37445078	84							
C.A. S. Line	115326977610	142831873	581179 1/2	28732	047305	3814	0688758200	13137410	198	1109	495137	82432070136	4686403199764181616735	229294116	495117925	712								

Cost of Repairs including Labor and Materials of Carriages and Waggon for the Half year ending 31st December 1866.

	Workmen's Wages	Materials	Stores	Proportion of Superintendents Salary and Establishment	Total	Per Engine Mile
S.W. Line	18791 1/2	25074 3/8	"	2211 13 4	46077 12 3	1 1/38
C.A. S. Line	3003 4 3	4015 11 1	"	360 8 11	7379 8 3	1 0 2

Abstract.

	Cost of Upholding Engines & Tenders per mile exclusive of Fuel	Cost of Upholding Engines & Tenders per mile inclusive of Fuel	Cost of Repairs of Carriages and Waggon per mile	Total Expenditure for Locomotives and Carriage Department per mile
S.W. Line	49.2	84	1 1/38	9 5 38
C.A. S. Line	52.2	7 1/12	1 0 2	8 1 14

Madras
8th April 1867

A. Thomson
Chief Accountant

Walter F. Cooper
for Agent & Manager

J. Anderson
Consulting Engineer for Railways.

87
In a letter from the
Consulting Engineer for
Railways to the Secre-
tary to Government
Public Works Depart-
ment dated 7 June
1867 A. 173.

J. H. 2/42/67
Recd. June 18/67 L. 499.

N^o 7.

Statement showing the
Working Expenses in each
Deptt. of the Madras P. W. and
North West Lines for the Half
Year ending 31st December 1866.

Statement showing the working Expenses in said Department of the Madras South West Railway during the half year ending 31st December 1865, respectively.

Half Year ending	Necessary Expenses		Traffic (Department)		Telegraph (Department)		Remount Money		Rolling Stock		General Charges		Total	
	Rs	rs	(Rs)	rs	(Rs)	rs	(Rs)	rs	(Rs)	rs	(Rs)	rs	(Rs)	rs
December 1866	39,585	4 3	17,636	4 5	19,388	11	3,69,825	1 5	6,925	7 4	35,597	12 11	99,862	5 3
December 1865	44,432	2 9	15,822	7 10	22,562	6 6	2,68,652	7 7	18,779	8 9	33,851	12 3	9,05,992	8 8
11 months	"	"	17,977	12 7	"	"	1,01,172	9 10	"	"	1,746	18	92,632	7 7
(10 months)	13,735	14 6	"	"	3,174	5 7	"	"	11,353	12 5	"	"	"	"

For M. Mac L. A. C. A. C.

(December 1866)	58,508	10 8	28,982	2 7	17,60	11 10	2,21,627	2 2	"	"	3,876	6 8	11,673	0 11
(December 1865)	56,487	3 2	18,742	10 2	21,30	5 1	14,038	7 1	"	"	2,976	5 3	9,437	14 9
11 months	2,021	7 6	19,238	8 5	"	"	9,564	1	"	"	900	1 5	22,354	8 2
(December)	"	"	"	"	369	9 3	"	"	"	"	"	"	"	"

Madras
Genl. Engrs. Office
7th Jan 1867

Anderson
Consulting Engineer for Railways

In a letter from the
Consulting Engineer for
Railways to the Secretary
to Government Public
Works Department dated
7 June 1867 N^o 173.

N^o 242

N^o 12.

Proc^{ed} 24 June 1867 L^{et} 499

Form A. North West
Line Distribution of Working
Expenses for the half year
ending 31st December 1866.

List of Accounts and Returns forwarded with 97
Consulting Engineer's Letter to Government N^o 173
77 June 1867.
South West Line

- N^o 1 — Revenue Account
- 2 — Form A
- 3 — Form B.
- 4 — Permanent Way Statement
- 5 — Locomotive Statement S. W & N. W. Lines.
- 6 — Commodities Statement do do
- 7 — Statement showing the Working Exp. in each Deptt do do
- 8 — Total Working Expenses.
- 9 — Receipts, Expenditure & Profit &c.
- 10 — Return of Late Train.

North West Line

- 11 — Revenue Account
- 12 — Form A.
- 13 — Form B.
- 14 — Total Working Expenses
- 15 — Receipts, Expenditure & profits &c
- 16 — Return of Fire Insurance Fund
- 17 — Return of Stones, Groops &c.
- 18 — Statement of Rolling Stock completed & in course of
Construction on 31st December 1866.
- 19 — do of the Estate, and Cost of Land &c
- 20 — One Copy of Time and Fare Table.

P. W. 2142/67

Pros. 24 June 1872 L. 499

Madras Railway South West Line N^o. 2
Madras to Bangalore and Bangalore Branch
Receipts, Expenditure, and Profits for the Half Year ending
31st 1865

	Number of Passengers		Receipts.		Expenditure.		Profit and Loss.		Receipts from each Passenger.		Expenditure for each Passenger, &c.		Profit and Loss on each Passenger, &c.		Average Receipts per Passenger, per Mile.		Expenditure for Passenger, per Mile.		Profit and Loss per Passenger, per Mile.		Number of Vehicles run.		Receipts from each Vehicle.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
	No.	A	P	No.	A	P	No.	A	P	No.	A	P	No.	A	P	No.	A	P	No.	A	P	No.	A	P
Class I	4278	57625	77	22014	14	11	25620	10	8	12	7673	77	886	15	987	156083	1457	920	737	1951	29	8798		
Class II	22558	70472	5	27210	7	10	22181	13	2	2	2759	1	2391	1	368	66757	623	329	294	2630	26	12875		
Class III	673454	527111	6	114482	13	44	12628	8	10	12	628	2	864	9	964	50808	296	064	232	8327	63	4988		
Trucks	1858	422	56288	11	3	62787	4	3	4478	9	20	91066	24	2538	2	8672	100413	41024	5530	676	4247	13	3115	
Motor Cars	1268	1226	29792	7	2	22725	2	11	5817	4	3	941008	7	15670	1	15338	170659	1117	397	220	1836	16	3753	
Carriage Trucks	297		1210770	12	7	728124	5	52446	7	7	811006	4	101180	6	1026	118324	1	117	760	557	87298	14	7087	
Goods Vehicles	15526542		1210770	12	7	728124	5	52446	7	7	811006	4	101180	6	1026	118324	1	117	760	557	87298	14	7087	
Telegraph Receipts			2090	8	6																			
Miscellaneous			68219	6	9																			
Special Grants			4337	1	11																			
Total Receipts			2079720	4	11																			

Madras
Cons. Eng'g Office
7 June 1867

ding 31st December 1866

Expenditure for each Vehicle.	Profit and Loss on each Vehicle.			Average Loadage of Wagon.	Receipts per Vehicle per Mile	Expenditure per Vehicle per Mile.	Profit and Loss per Vehicle per Mile.		
14	15			16	17	18	19		
Road	Road	Road	Road	Miles	Road	Road	Road	Road	Road
16 6 6.62	13 2 1.36	"	"	158.53	" 2 11.78	" 1 7.87	" 1 3.91	"	"
14 2 10.45	12 9 10.40	"	"		" 2 8.45	" 1 5.17	" 1 3.28	"	"
13 11 11.67	49 8 10.19	"	"		" 6 4.67	" 1 4.65	" 5 0.02	"	"
14 12 5.77	"	"	1 8.5.65		" 1 4.04	" 1 5.90	"	"	1.86
13 0 5.98	3 3 1.57	"	"		" 1 7.65	" 1 3.78	" 3.87	"	"
8 5 5.41	6 1 7.48	"	"		" 1 5.49	" 10.10	" 7.39	"	"

W. A. R. M. Lieutenant Colonel R. E.

Consulting Engineer for Railways

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In a letter from the
Consulting Engineer for
Railways to the Secre-
tary to Government
Public Works Department
dated 7 June 1867 A^o 173.

pg 242/34

N^o 3.

Pro 24 June 1867 du 499

Form B. South West
Line. Receipts, Expenditure
and Profits for the Half Year
ending 31st December 1866.

109
In a letter from the
Consulting Engineer for
Railways to the Secre-
tary to Government
Public Works Department
dated 7 June 1867 N^o 173.

J. W. 2/4 2/67
Proc. 24 June 1867 In L 499
N^o 2.

From A. South West
Line. Distribution of Working
Expenses for the Half Year
ending 31st December 1866.

Nachras Railway
Statement of Expenditure in Maintenance of Way and Works South West Line

Half years Ending	Maintenance & Masonry		Earthworks & Fencing		Stations		Bungalows & Water-layers' Quarters		Ballasting	Superintendence	Miscellaneous	Value of Stores Expended		Grand Total
December 1866	120,641	9	90,521	105	9,662	710	11,418	103	23,697	710	84,674	56,700	11	376,750 8 9
December 1865	94,856	10	62,008		17,790	7	4,526	8	24,578	8	16,898	49,979	11	286,931 11 4
Increase	25,784	15	28,513	28			6,892	23			67,711	6,721	4	89,818 13 5
Decrease	"	"	"	"	8,128	2	"	"	68	2	8,430	13	10	"
Per Mile December 1866	252	52	18	15	20	35	23	14	5		17	118	9	788 2 10
do December 1865	233	1	15	39	43	11	11	24	6	7	41	122	12	704 15 10

Stores Expended for Maintenance of Way and Works South West Line

Half years Ending	Sleepers Iron Bolt	Sleepers Pickled	Sleepers Country Wood	Collars	Gibs	Tie Bars	Locks	Iron Nails	Iron Woodens	Shops	Fish Plates	Wire Ropes & Cables	Points & Lockings	Sleepers Oak Wood	Iron Spikes
December 1866	21,803	13,097	19,316	28,492	27,822	129								10	
December 1865	25,440	167	22,063	22,138	22,168	11,236									
Increase	"	12,930	"	6,354	56,54	1663								10	
Decrease	3,637	"	2,747	"	"	"									

Half year ending December 1865 — 407 Miles maintained by Revenue
do December 1866 — 1187 do do for 1 Month Average
492 do do do for 5 — 478

Nachras.....
30 April 1867 }

A. Thomson
Chief Accountant

W. J. Spence
Agent & Manager
Cons. Engineer for Railways

Compd by M

In a letter from the
Consulting Engineer for
Railways to the Secre-
tary to Government
Public Works Depart-
ment dated 7 June 1867
No 173.

Proc 24 June 1867 L. 499.

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No 4

Statement of Expenditure
on maintenance of Way & Works
on the South West Line for
the Half year ending 31st
December 1866

£ 173

	Number of Passengers	Receipts	Expenditure	Profit and Loss	Receipts from each Passenger	Expenditure per each Passenger	Profit and Loss
	1	2	3	4	5	6	7
Passenger	No. A P	No. A P	No. A P	No. A P	No. A P	No. A P	No. A P
Class I	272	2226 2	1563 11 4	1126 10	8	21130	511179 2
Class II	2175	4560 5 11	2073 13	986 8 11	1	121043	16724
Class III	178938	10267 8	716440	758397 1 4	8	1169	1564
Wagon	54	664	922 11	18982 5 3	250 5 10	16 14	286 16 61092
Motor Car	206	190					
Carrage Truck	69						
Goods Vehicle	38924	24624569 9	28486 5	416073 3 11	6	41150	221177 4
Telegraph Receipts		111414 6					
Telegraph Receipts		4424 9 6					
Telegraph Receipts		863 14 7					
Total Receipts		370213 1 7					

Madras
Cons: Eng^g office
7 June 1867

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Madras Railway North West Line No 2
Freemum G. Meedancer

Receipts, Expenditure, and Profit for the Half Year ending 31st December 1866
1464 Trains

Receipts		Expenditure		Profit and Loss		Receipts from Vehicle		Expenditure for each Vehicle		Profit and Loss on each Vehicle		Average mileage of Train		Receipts per Vehicle per mile		Expenditure per Vehicle per mile		Profit and Loss per Vehicle per mile	
No. & P.	Miles	No. & P.	Miles	No. & P.	Miles	No. & P.	Miles	No. & P.	Miles	No. & P.	Miles	Miles	No. & P.	No. & P.	Miles	No. & P.	Miles	No. & P.	Miles
11	10868	1529	1015	514	240	94491	68297	212194					2129	1576	753				
12	56253	636	482	134	503	81188	61930	115458					11001	1466	535				
13	36254	277	047	248	2527	3911587	68114	333473					9028	1574	7654				
14	55093	41086	4927	159	1500	62578	515974	2804				70429	1478	1432	046				
15	92852	1023	789	244	270	89817	69136	2681					1146	1591	535				
16	79599	1322	526	996	21349	118086	315751	78535					2736	1084	1852				

Freemum Lieutenant Colonel R. E.
Consulting Engineer for Railways

Madras Presidency

Statement of the quantity and Cost of the Lands made over by the State for each Railway to the end of December 1866.

Name of Railway	Extent in Acres and Decimals	Sum paid for land	Sum paid for trees, buildings &c on the land	Total of Columns 3 & 4	Sum realized by the sale of trees, timber &c Company	Sum payable by Railway	Net Cost to Govt
<u>Madras Railway</u>							
South West Line	9,381.9658	4,18,922 9	1,74,367 4.4	5,93,289 13 4	18,202	6,639 12 5	5,68,448
North West Line	4,516.335	90,433 3 10	42,576 1	9,13,009 5 7	15,241 6	18,595 3	1,12,890
Bangalore Branch	2,558.204	22,782 3 5	4,251 6 4	27,033 9 9	"	"	27,033 9 9
Total	11,456.5048	5,32,138	2,21,194 12 5	7,53,332 12 8	19,726 2	125,234 15 5	7,08,371 11 2
<u>Great Southern of India Railway</u>							
	3,772.469	4,32,334 4 1	1,12,197 2 3	5,44,531 6 4	16,193 2 2	"	5,28,338 4 2
Grand Total	20,228.9738	9,64,522 4 4	3,33,391 14 8	12,97,914 3	35,919 4 3	25,234 15 5	12,36,759 15 4

Madras
 Commr. Engrs Office
 7 June 1867

J. Anderson Esq. Colonel R.E.
 Consulting Engineer for Railways

In a letter from the
Consulting Engineer for
Railways to the Secretary
to Government - Public
Works Department -
dated 7th June 1867
No 173.

No 19

J H 2/42/67
Proc 24 June 1867 Linder 499.
Statement of the quantity
and cost of lands made over by
the State for each Railway
to the end of December 1866.

Madras Railway
Statement showing the quantity and amount of re-
ceived commodities comprising the Merchandise Traffic,
at West Lines, for the half year ending 31st December

Quantity						
Down			Up		South and East	
South and East North and West			Total		Down and East	
Amount of						
Amount of						
Amount of						
Passage (Adults)	1229	2	2421	3	3650	5
Passage	17289	13	16476	15	33765	28
Freight	43030		18994	11	19425	1
Freight	48177	21	82930		49007	11
5 Iron and Copper	148732		417833		511625	
Campor	3		917		920	
Charcoal	574920		575		632420	
Chilies	441720		2119220		25610	
Chunam and Lime	297232		1435930		1733222	
10 Cloths & Piece Goods	838011		247346	6	3311417	
Cocoanuts	689210		305030		3943	
Coffee	1039626		64220		110396	
Cows and Cows	180		7710		25710	
Commisariat Stores	3630		13647		140037	
15 Cotton Laces	3803131		918217		912148	8
do - Half pressed	589		17620		76520	
do - Full do	1639		8020		171920	
Dry or Redwood	5880910		400620		6281530	
Firewood	10279120		3479324		1375857	
20 Irons	8893		118630		1007930	
Furniture	53516		1900		243516	
Ghee	7751	20	58710		334430	
Grain	3476120		765909		11135129	
Ground Nuts	3437		1454		7891	
25 Gunnies	359883		1368610		476151	
Hay	355236		1874430		2229726	
Indigo	1293		98632		227932	
Iron of all kinds	1152010		5335		862928	
Jaggery	36754		26052		628067	
30 Luggages	126530		13008		265538	
Pit of all kinds	1521328		2582228		1188644	
Opium			5120		5730	
Ordinance Stones	129231		216729		346020	
Radly	45238		127407		17264535	
5 Pkts. Salt & Asphalt	1720		167334		169114	
Potatoes	1606622		286020		199272	
10000 lbs. Ammunition	82		51537		59737	
Ragging	276685		25451035		292179	
Reeds	151043		5624803		71382319	
40 Salt	7306930		64311910		716189	
do Fresh	3279333		316630		3596029	
Salt Petre	36988		65920		435728	
2000 lbs. Gunpowder	114		55910		67310	
4500 lbs. of all kinds	2203631		10251235		12454926	
4500 lbs. of all kinds	2368130		143030		2711220	
Sheep	271420		607720		8792	
Stone	129825		479910		14762410	
Sugar of all kinds	199316		701434		26946	
Spindles	1467657		29549425		44225932	
5000 Vanarind	5900010		1291630		71917	
do Timber	783103		8237632		16168635	
Tobacco	1284220		32408		4625020	
Wheat	462610		2152219		2614829	
Vegatables	1785515		346710		2132225	
Wines & Spirituous Liquors	124035		2532623		2656718	
Total	141439017		257644417		39083434	

J. Anderson

Madras
Cons. Eng. Office
7th June 1867

Councillor Engineer, 20

In a letter from the
Consulting Engineer for Railway
to the Secretary to Government
Public Works Department,
dated 7 June 1867 N^o 173.

Proc^d June 1867 Lu L. 499.

P. 21/4 2/2

N^o 6.

Statement showing the
amount of Revenue derived
for the half year ending 31st
December 1866.

Madras Railway
Locomotive and Carriage building department

A Statement of Rolling stock finished and that ^{is} ^{in the} course of Creation and Construction upto 31st Decr: 1866.

Entered	Upto 30 Nov 1866	Upto 30 Nov 1866	Total	In the Course of Construction	Upto 31st Dec 1866	Remarks
<u>Under Construction</u>						
Engines Nos 1, 2, 3, 4, 25 to 106	86		86			
<u>Under Construction</u>						
Engines Nos 5 to 24	20		20			
<u>Finished</u>						
1st Class Carriages	15	4	19			
2nd Class Carriages	40		40			
3rd Class Carriages	96		96			
4th Class Carriages	30		30			
5th Class Carriages	2		2			
Compound Carriages	18		18			
Special Waggons	244		244			
Open sided Goods Waggons	344		344			
Wagon Boxes	30		30			
High sided Open Goods Waggons	1075	10	1085			
High open Goods Waggons	5		5			
Passenger Luggage Vans	25		25			
Open Goods Waggons	50		50			
Timber Trucks	114		114			
Platform Trucks	6		6			
Coal	8		8			
Open Powder Vans	435		435			
Cattle Waggons	35		35			
Road Waggons	7		7			
Road Brake Waggons	22		22			
Compound Goods Waggons	28		28			
Goods Brake Vans	34		34			
Oil Stone Vans	3		3			
Water Trucks with Tanks	1		1			
Engine's Suspension Brake Carriage	1		1			
Travelling Cansoon Trucks	2		2			
	2671	16	2687			

(Signed) A. H. Thomson.
Chief Accountant.

1/ Request W. J. Sullivan
for Loco: & Carriage Suppl^t

(*True Copy*)

W. H. Hooper
for Agent & Clearer

Liadon
 Corio: Rupt' office
 7. June 1867

(True Copy)

Extradition Court Colonel Dr.
Cons: Engineer for Railways.

1855 Public Works Department
 No 1876

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 24th June 1867

Read the following

From the Cons. Engineer
 for Railways

(Here enter No. 173 dated 7th June 1867)

Ordered that these papers
 be forwarded to the Government
 of India -

To
 The Consulting Engineer
 for Railways

At - to - of
 18th June 1867
 The Secretary to the
 Govt of India

Sir,
 I am directed by the
 Right Honorable the Governor in
 Council to forward, for submission
 to the Government of India, the
 accompanying report from the
 Consulting Engineer for Railways
 with the Revenue Accounts
 and Analysis of the Traffic opera-
 tions of the Madras South

These letters from the
 Consulting Engineer to the
 Secretary to the Government
 and Public Works
 Department dated
 7th June 1867 are 173.
 No 18
 24 June 1867
 1876
 Stationary of Railway
 The Government of India
 of consultation on 21st Dec 1866

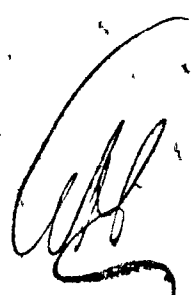
West Line, including the Banga-
lore Branch, & of the North
West Line between Arcanum &
Brookman, for the half
year ending 31 Decr/66. -

P. W. 186 . Department.

No.

PROCEEDINGS OF GOVERNMENT.

Dated


G. St. George
24th June 1867

Recd 27/6/67 at 25 c. 1/4
of £100 1876 & monthly
to Railways -

Public Works 1867 Depart^{mt}

Proc. of Govt. for June

1876 & 1877

Proc. of the Madras Govt.

24th June 1867

Passing orders on the
at from the Consulting
inver with the Revenue
into and Analysis of
office operation of the
as A. N. Spive and
Madras Branch, and of
the A. N. Spive between
Madras and
for the half
31st Decr

No 499-500