

1894.

VICTORIA.

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# VICTORIAN RAILWAYS.

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## REPORT

OF THE

### VICTORIAN RAILWAYS COMMISSIONERS

FOR THE

YEAR ENDING 30TH JUNE, 1894.

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PRESENTED TO BOTH HOUSES OF PARLIAMENT PURSUANT TO THE ACT 54 VICTORIA No. 1135.

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# RE P O R T.

VICTORIAN RAILWAYS,

14th September, 1894.

*To the Honorable the Minister of Railways.*

SIR,

In accordance with the provisions of the 59th section of the Railways Act, No. 1135, we have the honour to submit, for the information of Parliament, our Report upon the working of the Railway Department for the year ending 30th June, 1894.

## DEBENTURE CAPITAL.

The amount of borrowed capital was, on 30th June last, £36,444,475 16s. 10d., details of which are shown in the Appendix, Return No. 5.

The Debenture Capital Account at the close of the year showed an increase of £637,498 8s. 11d. The additional capital consisted of the following amounts allocated to Railways during the financial year :—

Victorian Government Stock Acts, Nos. 1015 and 1341	£333,391 7 11
Victorian Loan Act, No. 1296	... ... ... 304,107 1 10

Debentures raised under Act 32 Vict. No. 331, amounting to £2,107,000, and bearing interest at the rate of 5 per cent. per annum, were redeemed by funds obtained under Acts Nos. 1287 and 1341. As the latter Stock bears interest at 4 per cent., there will be an annual saving in interest by the transaction ; but as under the conditions of the redemption sums had to be provided by Act No. 1341 to meet the deficiency under Act No. 1287 (£107,267 5s. 1d.), and to meet interest (£42,140), and the expenses incurred in connexion with provision for deficiency (£592 14s. 11d.), amounting in the whole to £150,000, the net annual saving to the Department in interest by the redemption will be £15,070.

The interest for the year amounted to £1,450,469 13s. 11d., which, with £23,898 2s. 1d., the amount paid by the Treasury for expenses in payment of interest, and a further sum of £12,481 7s. 7d. for expenses in connexion with the redemption of the debentures under Acts Nos. 331 and 1233, made the total interest and charges £1,486,849 3s. 7d. This amount has, however, been reduced by £26,000, estimated interest upon the unexpended balances of loan moneys to the credit of the Railway Account in the Treasury during the year.

The net amount debited to the Railways is therefore £1,460,849 3s. 7d., as per following detailed statement :—

*Amount of Interest on Railway Loans paid during the Year ending 30th June, 1894.*

	Loans.		Interest.		
			£	s.	d.
32 Vict. No. 331	...	...	105,350	0	0
42 Vict. No. 608	...	...	187,045	16	3
36 Vict. No. 439	...	...	3,554	18	4
37 Vict. No. 468	...	...	58,000	0	0
39 Vict. No. 531	...	...	55,867	14	5
45 Vict. No. 717	...	...	110,760	4	10
46 Vict. No. 739	...	...	80,000	0	0
46 Vict. No. 741	...	...	4,304	0	0
47 Vict. No. 760	...	...	150,351	10	5
48 Vict. No. 805	...	...	130,046	17	9
49 Vict. No. 845	...	...	180,000	0	0
51 Vict. No. 963	...	...	5,200	0	0
52 Vict. No. 989	...	...	93,586	19	1
54 Vict. No. 1196	...	...	77,913	0	11
53 Vict. No. 1032	...	...	110,250	0	0
55 Vict. No. 1217	...	...	58,333	6	8
55 Vict. No. 1233	...	...	18,750	0	0
53 Vict. No. 1015 and No. 1341	...	...	11,624	8	6
56 Vict. No. 1296	...	...	1,835	16	9
<hr/>			<hr/>	<hr/>	<hr/>
42 Vict. No. 617 (Hobson's Bay)	...	...	1,442,774	13	11
			7,695	0	0
<hr/>			<hr/>	<hr/>	<hr/>
Expenses in payment of Interest	...	...	1,450,469	13	11
Redemption Expenses	...	...	23,898	2	1
			12,481	7	7
<hr/>			<hr/>	<hr/>	<hr/>
Less estimated Interest on unexpended balances of Loan moneys	...	...	1,486,849	3	7
			26,000	0	0
<hr/>			<hr/>	<hr/>	<hr/>
			£1,460,849	3	7

The deficiency in meeting the interest charges for the year is, as shown in the profit and loss account, £370,109, an increase over 1892-3 of £25,841. The increased amount debited to Railways for the year for interest and charges in connexion with the redemption of debentures amounted to £40,924.

The result of working for the year may be summarized thus :—

Total traffic ...	...	...	...	...	£2,726,159
Total working expenditure	...	...	...	...	1,635,419
NET PROFIT ON WORKING ...			...	...	£1,090,740

or an increased net profit over last year of £15,083, notwithstanding the fact that there was a decrease in the revenue of £199,789.

The percentage of working expenses to the gross revenue is 59·99, a decrease of 3·24 per cent. on last year, and 9·09 on the year 1891-2.

The working expenditure, exclusive of pensions and gratuities, shows a decrease of £222,845 16s. 6d., and a percentage to revenue of 57·13.

After making provision for additional pensions and gratuities to the amount of £7,974 7s. 7d. in excess of the sum debited to working expenditure last year, the decrease is £214,871 8s. 11d.

The net revenue gives the following results:—

2·89 per cent. on total capital cost.

3·14 per cent. on total expended debenture capital.

The following returns give the details of Revenue and Expenditure for the last two years:—

TOTAL REVENUE.

	1892-3. (Average Miles open, 2,933.)	1893-4. (Average Miles open, 2,981 $\frac{1}{4}$ )	Increase.	Decrease.	Net Decrease.
Passengers	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Parcels, &c.	1,260,879 7 1	1,118,375 3 11	...	142,504 3 2	
Horses, carriages, and dogs	97,859 1 8	93,353 18 4	...	4,505 3 4	
Mails	17,409 4 5	14,914 14 9	...	2,494 9 8	
Rents	63,037 0 6	61,733 10 4	...	1,303 10 2	
Miscellaneous	54,716 5 11	53,401 7 3	...	1,314 18 8	
Live stock	14,965 16 8	17,896 0 7	2,930 3 11	...	
Goods	138,945 9 4	136,380 12 3	...	2,564 17 1	
	1,278,135 8 5	1,230,103 13 11	...	48,031 14 6	
	2,925,947 14 0	2,726,159 1 4	2,930 3 11	202,718 16 7	199,788 12 8
Number of passengers	46,520,784	40,880,378	...	5,640,406	
Tons of live stock	116,258	108,128	...	8,130	
Tons of goods	2,442,120	2,347,683	...	94,437	
Train mileage	10,775,134	10,145,307	...	629,827	

TOTAL EXPENDITURE.

	1892-3.			1893-4.			Increase.	Decrease.	Net Decrease.
	Amount.	Cost per Train Mile.	Per Cent. to Revenue.	Amount.	Cost per Train Mile.	Per Cent. to Revenue.			
Maintenance	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Loco. charges...	327,959 2 2	7 31	11·21	320,980 17 4	7 60	11·77	...	6,978 4 10	
Carriages and waggons ...	607,702 1 4	13·54	20·77	528,309 1 6	12·50	19·38	...	79,392 19 10	
Compensation	127,581 2 10	2·84	4·36	104,050 2 7	2·46	3·82	...	23,531 0 3	
Traffic charges	6,432 19 11	0·14	0·22	4,315 12 1	0·10	0·16	...	2,117 7 10	
General charges	668,716 14 2	14·89	22·85	562,226 1 4	13·30	20·62	...	106,490 12 10	
	1,118,989 14 2	2·49	3·82	1,115,537 10 10	2·73	4·24	3,638 16 8*	...	
	1,850,290 14 7	8 3 5·21	63·23	1,635,419 5 8	8 3 2·69	59·99	3,638 16 8	218,510 5 7	214,871 8 11

\* Due to increase in pensions and gratuities.

The mileage has increased from 2,975 to 3,020, owing to the opening during the year of the following lines:—

Beulah to Hopetoun	...	...	...	16 miles
Dimboola to Jeparit	...	...	...	23 ,,
Korumburra to Jumbunna	...	...	...	3 $\frac{3}{4}$ ,,
Korumburra to Strezlecki	...	...	...	2 $\frac{1}{4}$ ,,
Total	...	...	...	45 miles

The following shows the additional mileage opened during the last nine years:—

Year ending June, 1886	...	...	...	67 $\frac{1}{4}$ miles
" 1887	...	...	...	137 $\frac{1}{4}$ ,,
" 1888	...	...	...	137 $\frac{3}{4}$ ,,
" 1889	...	...	...	179 $\frac{1}{2}$ ,,
" 1890	...	...	...	272 $\frac{1}{2}$ ,,
" 1891	...	...	...	293 $\frac{1}{4}$ ,,
" 1892	...	...	...	140 ,,
" 1893	...	...	...	72 ,,
" 1894	...	...	...	45 ,,

The preparation of statements showing the railway accounts in systems has been discontinued, and in consequence every passenger journey is treated as a unit in the total, instead of being multiplied as hitherto by each system over which the journey was made. This is also applicable to the tonnage of goods and live stock.

This alteration has necessitated the recasting of the columns in the comparative table (No. 11 of the Appendix) showing the number of passengers and tonnage of goods conveyed.

The number of passengers conveyed was 40,880,378, as against 46,520,784, being a decrease of 5,640,406.

The tonnage of goods and live stock was 2,455,811, as against 2,558,378, being a decrease of 102,567.

The train miles amounted to 10,145,307, as against 10,775,134, or a decrease of 629,827 train miles.

#### CAPITAL EXPENDITURE:

The capital expenditure to 30th June, 1894, amounted to £37,748,563 5s. 5d., or an increase for the year of £286,191 2s. 4d., which was charged as follows:—

Construction of new lines and capital works on existing

lines, &c. . . . .	... . . . .	£254,567	7	7
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Rolling-stock—

Engines . . . . .	... . . . .	£29,472	14	9
Carriages, waggons, &c. . . . .	... . . . .	1,522	5	8
Brakes . . . . .	... . . . .	628	14	4
		31,623	14	9
		£286,191	2	4

#### RECAPITULATION.

The following is a general summary of the leading features of the Report, and, for purposes of ready comparison, corresponding items for 1892-3 are given:—

		1892-3.	1893-4.
Total debenture capital raised	... . . . .	£35,806,977	£36,444,476
Total yearly interest	... . . . .	£1,419,925	£1,460,849
Unspent balances of loan moneys	... . . . .	£946,427	£1,138,392
Amount spent on construction during the year	... . . . .	£377,063	£286,191
Total spent in construction	... . . . .	£37,462,372	£37,748,563
At an average cost per mile opened of	... . . . .	£12,665	£12,570
Total mileage open for traffic	... . . . .	2,975 miles	3,020 miles
Average mileage open for traffic	... . . . .	2,933 . . .	2,981 $\frac{3}{4}$ . . .
Gross revenue earned	... . . . .	£2,925,948	£2,726,159
Working expenditure	... . . . .	£1,850,291	£1,635,419
<b>PROFIT ON WORKING</b>	... . . . .	<b>£1,075,657</b>	<b>£1,090,740</b>

#### PERCENTAGE OF WORKING EXPENSES TO

REVENUE . . . . .	... . . . .	63.23	59.99
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				1892-3.	1893-4.
Balance after paying all working expenses and interest					
on capital	...	...	...	<i>Dr.</i> £344,268	<i>Dr.</i> £370,109
Revenue per average mile open	...	...	...	£998	£914
Expenditure per average mile open	...	...	...	£631	£549
Gross earnings per train mile	...	...	...	5s. 5 <i>17</i> d.	5s. 4 <i>49</i> d.
Expenses per train mile	...	...	...	3s. 5 <i>21</i> d.	3s. 2 <i>69</i> d.
Number of passenger journeys	...	...	...	46,520,784	40,880,378
Goods tonnage	...	...	...	2,442,120 tons	2,347,683 tons
Live stock tonnage	...	...	...	116,258 "	108,128 "
Train mileage	...	...	...	10,775,134 miles	10,145,307 miles

The Rolling-stock consisted of the following :—

Engines in use	...	...	...	...	499	516
Engines in course of construction	...	...	...	...	17	—
Passenger vehicles in use	...	...	...	...	1,107	1,096
"      "      "      in course of construction	...	...	...	...	2	—
Goods vehicles in use	...	...	...	...	8,530	8,597
"      "      "      in course of construction	...	...	...	...	240	—
Vans and sundries in use	...	...	...	...	469	474
"      "      "      in course of construction	...	...	...	...	—	—
The net revenue paid on the total capital cost	...	...	...	2·87 per cent.	2·89 per cent.	
"      "      total debenture capital expended	...	...	...	3·12 "	3·14 "	

As we have only been in office during portion of the year under review, we submit the usual statements showing the results of working, without comment.

#### REVENUE.

The diminution in revenue still continues, and until there is generally a more confident and steady state of business it is not to be expected that there will be any material improvement in the railway receipts.

Certain reductions in rates and fares, estimated to amount to £40,000 per annum, came into force on the 5th July of this year. Although they pertain to the current year, we take this opportunity of stating that the reductions were made after careful consideration and with the view of giving a certain measure of relief, to remove anomalies, and to meet competition by water and road. It is too soon to refer to actual results; but the falling-off in revenue since the close of the financial year has only been very partially affected by these reductions, and is, in our opinion, almost wholly due to the abnormal condition of the Colony.

Under the present depressed condition of the Colony, the uncertainty as to the fiscal measures which may be adopted by the Legislature, and the consequent stagnation of trade and paralysis of enterprise, it is difficult to frame reliable estimates of revenue or expenditure, or to anticipate with anything approaching accuracy the results which would follow further alterations in freights or fares. We think it would be safe to assume, however, that, under the existing conditions of trade, further reductions in freights and fares, except in special cases, would in the meantime result in diminished revenue.

Had circumstances been favorable we would have liked to have reduced the country fares, but in view of the probable large loss involved we found it impracticable. The falling-off in receipts would appear to indicate that the travelling public spend all they are able to afford in this direction, and consequently any reduction made, while increasing travelling facilities, would not, we think, bring any corresponding addition to the revenue.

We thoroughly realize that considerable reductions could be made which, although perhaps increasing the railway deficit, would beneficially affect large sections of the community, and probably be of national benefit. Such reductions, however, would be a matter of State policy, and any loss to the Department consequent upon their adoption should be provided for out of the Consolidated Revenue, and not debited to the Railways.

#### THE RAILWAY DEFICIT.

There is no disguising the fact that at present the annual deficit in payment of interest is a serious one, but it may be pointed out that relatively it is not so great as in earlier years.

The following is a comparison between the year 1887-8 and the year under review, from which it will be seen that, while the revenue for both years is virtually equal, the working expenditure is practically the same, notwithstanding the fact that there is an increase in the mileage open for traffic of 1,000 miles. It therefore appears that the deficit for 1893-4 is the increase in interest caused by the construction of the additional mileage :—

Year.	Revenue.	Expenditure.	Miles open.	Train Miles run.	Interest.
1887-8 ...	£ 2,756,049	£ 1,624,031*	2,018	9,082,312	£ 1,056,711
1893-4 ...	£ 2,726,159	£ 1,635,419	3,020	10,145,307	£ 1,460,849

\* Exclusive of the cost of the Windsor accident.

So many economies have been effected, and the general working expenditure has been so materially reduced, that a revival in trade, which would bring about increased railway business, would soon extinguish the deficit. The natural growth of the colony and increase in population will eventually restore the equilibrium between net revenue and interest. In the meantime, however, it should be borne in mind that in the Railway property the State has a most valuable asset, worth much more than its actual cost, and an undertaking which confers indirect advantages to the community far exceeding the total amount of the accrued deficit.

There can be no doubt, however, that the railway loss is largely augmented by the construction during recent years of lines which, under the most economical management, cannot possibly pay interest on their capital cost for years to come.

Handicapped as the management is by such conditions, and with a mandate to make the Railways pay, it is difficult to initiate any comprehensive policy which would eventually stimulate traffic, if the immediate effect involves loss of revenue.

It is suggested that, in order to give the management freedom of action in the direction indicated, Parliament be urged to decide on a fixed rate of interest which the Railways should be called upon to pay (say 3 per cent. on the total debenture capital expended on railway construction). The balance available after paying that sum, up to £100,000 or such sum as Parliament might direct, could be applied to reductions in charges and increased facilities for travellers and traders. The difference between the rate of interest fixed (plus the balance referred to) and the actual interest payable would have to be met in any way Parliament might adopt.

### ROAD COMPETITION.

The conditions—viz., scarcity of other classes of work, with cheap horses and feed—which brought the team competition into existence still continue, and consequently a certain amount of traffic is still carried by road. Under existing circumstances very large general reductions would have to be made, as the concessions would require to be extended to districts beyond the competitive area to entirely cope with the competition. The alterations made have had partial success, but a further reduction would involve a loss greater than the value of the traffic we are losing would recoup.

The teams are also enabled to compete because their loading consists of goods which are carried by the Railways at a rate above the uniform charge per ton adopted by the teamsters; anything at or below their scale is carried by rail.

Were a policy of uniform classification, such as is followed by the teamsters, adopted by the Department, it would have the effect of restricting the area of transportation for goods of low value, among which are many of the necessities of life, and, consequently, make them dearer to the consumer. The benefit of the team competition is reaped by the storekeeper, and not by the consumer.

### THE BORDER RATES.

We were approached by the Railways Commissioners of New South Wales and South Australia with reference to the adjustment of competitive rates, but, owing to the season being advanced and arrangements made, we were unable to make any alteration in the tariff. We stated, however, that we would be perfectly willing, after this season, to meet them in conference, and agree to an equitable basis which would be advantageous to all concerned.

### REDUCTION IN MILEAGE.

The reduction in train mileage this year amounts to 629,827 miles.

Reductions are still in progress, and it is contemplated to make further alterations in the running by which considerable savings in mileage will be effected without reducing necessary facilities or impairing efficiency.

### MALLEE LINES.

The following statement shows the result of working the Mallee Lines from the date of opening to the close of the financial year :—

Line.	Length of Line.	Capital Cost to 30th June, 1894.	Revenue.	Local Working Expenses.	Approximate Profit on Working.	Interest on Capital Cost at 4 percent. per annum.	Net Profit on Working.	Train Miles Run.
Donald to Birchip ... Rolling-stock (estimate) ... (Opened 28th March, 1893.)	Miles. 32½ ... ...	£ 69,142 } 7,000 }	£ 11,683	£ 4,426	£ 7,257 {	£ 3,487 } 353 }	£ 3,417	29,543
Warracknabeal to Hopetoun ... Rolling-stock (estimate) ... (1st section opened 5th January, 1893. 2nd section opened 6th March, 1894.)	38 ... ...	£ 71,920 } 12,500 }	£ 18,099	£ 6,107	£ 11,992 {	£ 3,255 } 745 }	£ 7,992	42,219

The capital expenditure will be considerably more than is now shown when the whole of the equipment is completed.

The revenue on the Warracknabeal to Beulah section has been credited with the carriage of material for the construction of the Hopetoun Line. It should also

be borne in mind that a considerable portion of the traffic would have gone to Donald and Warracknabeal stations if the lines had not been constructed.

The working expenditure is not debited with any proportion of junction station or general charges.

The result, however, is very satisfactory, and is due to cheap cost of construction, economy in working, and the existence of local rates.

#### IMPROVEMENT OF LINES AND GRADES.

Immediately on our appointment we gave this subject our first attention, as we recognised that in order to accede to the imperative demands for cheap fares and freights it was absolutely necessary to reduce the cost of haulage to a minimum. One of the courses to attain this end, and one which has been followed for years on all the leading roads in America and other places where traffic warrants it, is to judiciously reduce grades and flatten curves.

That the question might be fully and systematically investigated we appointed a Board, consisting of three competent officers from the Engineering, Locomotive, and Traffic Branches, to examine the whole of the lines, make practical tests of loads, capacity, and speeds of engines, &c., under all conditions.

The progress of the work has been necessarily slow, as owing to the curtailment in our supervising staff the officers engaged have had to perform their ordinary work in addition to carrying on these inquiries.

A first progress report has, however, now been presented to us; dealing with the section between Korumburra and Oakleigh, upon which a heavy coal traffic exists, and it is found that by a reduction of grades at various points and other works, at an expenditure of £5,000, of which only £3,500 is actual outlay, the line can be improved so that the engines in use can draw 40 per cent. larger loads.

It is calculated that a saving of £2,000 per annum can be effected, and we have given orders for the necessary alterations to be put in hand at once, and, though a "capital" work, we propose debiting the cost against working expenses, as we are reluctant to further increase the interest charges.

We also propose employing on this work a number of the surplus men who are now working short time.

Inquiry is now being instituted into what improvements can be effected on the line between Stawell and Horsham, on which several steep grades occur, which seriously interfere with the haulage of wheat trains, and which we are assured can be reduced considerably without much outlay.

In addition to grades which affect haulage, many of the lines, notably the North-Eastern, abound in abrupt and frequent changes of grade, which tax the skill and care of the engineers to the utmost to prevent the snapping of couplings when hauling long trains. It is doubtful if longer trains could be hauled than at present with safety owing to this cause. We propose removing these sudden changes of grades or substituting vertical curves for them on all lines as far as practicable where sufficient traffic exists to warrant it.

#### ROLLING-STOCK.

There is little doubt that, by the judicious addition of more powerful engines to our stock, economy in haulage would be effected, but not to such an extent as might be supposed. For example, the mileage now run by suburban trains, and most other

passenger and mixed trains and branch line traffic, would not be materially lessened, and this comprises a large proportion of the mileage run. On main lines it would be by the avoidance of specials, double-banking of express and excursion trains, &c., which of late, owing to falling-off of traffic, are, unfortunately, infrequent, that more powerful locomotives would be principally of service.

We are advised that the tractive power of some of the existing stock can be considerably increased without impairment of efficiency in other respects, and this matter is receiving attention. We have also authorized the obtaining of two American Consolidation Goods Engines for trial, and it would also be advisable to obtain a more powerful type of passenger engine when funds permit; but, in view of the large sums of money which have been spent in rolling-stock during the last few years, and the falling-off of traffic, we do not feel justified in recommending any further large additions to the capital account at present, and it must not be lost sight of that the use of much more powerful locomotives would also probably necessitate the strengthening of the draw-gear of a large number of vehicles, besides other expense.

*Cool Trucks.*—Plans, specifications, and pattern truck have been prepared, and tenders are now being called for the supply of 120 insulated trucks adapted for the conveyance of either butter and other dairy produce, or chilled or frozen meat. Special care has been taken in the insulating of the trucks, which will be cooled with ice. A contract for the supply of necessary machinery has been accepted to manufacture ice at a rate per ton which will enable us to use it liberally.

The trucks and ice-making plant are specified to be ready in ample time for the season.

#### COAL.

During the year we have used 117,000 tons of Victorian coal, which is equal to about half our total consumption.

We have every desire to continue the use of it to the fullest extent, quite recognising as we do the necessity of encouraging in every way an undertaking of such national importance as this. Without such consideration, however, we could reduce our working expenses by probably £25,000 per annum.

Whilst the Railways are expected to pay interest on unprofitable lines, and we are pressed on all hands to further reduce fares and freights, we think that the Department should not be debited with more than the commercial value of an article so largely used as coal.

#### THE STAFF.

We consider it our duty to state that the staff now engaged in supervision and inspection is not more than is necessary for the safety of the public, the protection of the Railway property, and the due care and economical administration of the various branches.

If supervision is not clearly in excess of requirements, its curtailment is false economy.

The percentage of officers so engaged is very low, and the necessarily comparatively small savings which it may be considered could be effected by a reduction in the number or status of those who, after years of experience, are actively employed

in the superintendence and direction of the various branches and works connected with such a large railway system as ours could be speedily counterbalanced by the leakage which is the invariable result of insufficient supervision or overtaxed control.

In the course of nature a large number of employés retire every year, but no additions have been made in consequence. Upwards of 400 employés retire annually from ordinary causes, and if the policy is pursued of making no additions to the staff, it is evident that very considerable retrenchment can be soon effected in this way, and that there would be no need for extensive and immediate dismissals, which might involve great hardship and tend to dislocate and impair the efficiency of the service.

We regret that the state of business has rendered it necessary, in addition to the percentage reductions imposed by Parliament, to curtail still further the working time of a large number of the staff, but we are pleased to record the fact that, notwithstanding the large proportion of the burden of general retrenchment which has had to be borne by the whole of the Railway officers and staff, they have exercised great fortitude, and have loyally performed their duties.

In the Appendix will be found the reports of the Engineer-in-Chief, the Chief Mechanical Engineer, and the Engineer for Existing Lines, together with detailed statements of Capital and Revenue Accounts, and other statistical returns.

We have the honour to be, Sir,

Your obedient servants,

JAMES SYDER,

T. H. WOODROFFE,

R. LOCHHEAD,

Acting Railways Commissioners.

# A P P E N D I X.

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## VICTORIAN RAILWAYS.

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APPENDIX TO THE REPORT OF THE VICTORIAN RAILWAYS COMMISSIONERS.

**YEAR ENDING 30th JUNE, 1894.**

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- No. 1.** Report of the Engineer-in-Chief.
- 2.** "      Engineer for Existing Lines.
- 3.** "      Chief Mechanical Engineer.
- 4.** Profit and Loss Account.
- 5.** Statement of funds obtained under loans and of expenditure charged against the same.
- 6.** Statement of receipts and expenditure on capital account.
- 7.** "      "      "      in account with the consolidated revenue.
- 8.** General balance-sheet.
- 9.** Railway Accident Fund.
- 10.** Statement of revenue and expenditure.
- 11.** Comparative statement for twenty-two years ending 30th June, 1894.
- 12.** Statement showing dates of opening of different sections, &c.
- 13.** Statement showing traffic at each station.
- 14.** Return of rolling-stock.
- 15.** Detail of cost of construction of each line open for traffic, highest and lowest levels, steepest gradients, &c.
- 16.** Return of accidents to persons since lines were opened for traffic.
- 17 to 20.** Statements of removals and appointments of employés.

## VICTORIAN RAILWAYS.

## No. 1.

THE BOARD OF LAND AND WORKS (RAILWAYS CONSTRUCTION BRANCH).

GENTLEMEN,

Engineer-in-Chief's Office,  
Melbourne, 31st August, 1894.

I have the honour to report that, during the financial year ending 30th June, 1894, the following lines of railway were opened for public traffic :—

Beulah to Hopetoun, 16 miles, on the 6th March, 1894.  
 Korumburra (Jumbunna Junction) to Jumbunna,  $3\frac{3}{4}$  miles, on the 7th May, 1894.  
 Korumburra (Strezlecki Junction) to Strezlecki,  $2\frac{1}{4}$  miles, on the 1st June, 1894.  
 Dimboola (Station) to Jeparit, 23 miles, on the 19th June, 1894.

The railways from Natimuk to Goroke,  $28\frac{1}{4}$  miles, and from Boort to Quambatook, 22 miles, have been opened for public traffic since the close of the financial year.

All these railways have been very sparingly furnished with accommodation works pending the development of traffic; and the construction having been economized and carried out by the Department under the butty-gang system at a time when both labour and materials have been exceptionally low, and fencing, gates, and cattle-guards being in many cases omitted, the capital cost per mile has been much below that of former railways. It must, however, be borne in mind that the figures which appear in the Railways Commissioners' Report represent only the booked capital expenditure on these lines at the close of the financial year. They do not include all the capital expenditure incurred in the initial equipment of the lines; and further expenditure on capital account will, as a matter of course, be necessary as the development of the districts demands increased accommodation at the stations.

On the 11th September, 1893, the *Dimboola and Boort Railways Construction Act 1893* (No. 1312) was passed, authorizing lines from Dimboola to Jeparit and from Boort to Quambatook. The Act expressly excluded the application of the Railways Standing Committee Acts of 1890 and 1891, Nos. 1177 and 1230 respectively, and of the *Railway Lands Acquisition Act 1893* (No. 1288), to these railways. Work on the lines had been commenced in July, 1893, under instructions, and in anticipation of Parliamentary sanction, as a means of providing employment for men out of work.

No Acts for the construction of new railway lines, under the *Railway Lands Acquisition Act 1893* (No. 1288), have been passed during the year.

The Beulah to Hopetoun Line, which was referred to in last year's Report as taken over by the Board of Land and Works from Mr. Lascelles for completion under agreement, subject to the ratification of Parliament, was sanctioned on the 26th September, 1893, by the *Beulah and Hopetoun Railway Act 1893* (No. 1316).

The Nathalia and Picola Railway Construction Trust, constituted by the Governor in Council 26th September, 1893, under Act No. 1288, notified the Minister, through its Secretary, on the 7th March last, that the Numurkah Shire Council declined to act further as a Railways Construction Trust. No steps, therefore, have been taken for the acquisition of land for the railway.

The Heidelberg and Eltham Railway Construction Trust was constituted by the Governor in Council on the 21st August, 1893, under Act 1288. The Trust has conveyed portion of the land for the line to the Department; a deviation from the scheduled route near Greensborough has been applied for by the Trust, and at its request a survey and estimate of cost have been made, but the deviation has not yet been authorized, and the construction of the line has not yet been commenced.

With a view to provide work for the unemployed, and in anticipation of the sanction of Parliament, a line of railway through the Mallee from Wycheeproof to Kaneira and Sea Lake (a distance of 48 miles) was surveyed by contract let under instructions in March last, and the line is now in course of construction under the butty-gang system.

A contract for 5,000 tons of steel rails and 231 tons of fish-plates was let on 27th July, 1893, and another for 10,000 tons of steel rails and 462 tons of fish-plates on 11th October, 1893. Contracts have also been let during the year for permanent-way fastenings of colonial manufacture.

In the case of the Outer Circle Railway, Fairfield Park to Oakleigh, the arbitrators' award, dated 13th July, 1892, £13,022 7s. 9d., with costs of award £813 15s., on the claims, £30,773 12s. 10d. and interest thereon, which had been referred to arbitration under protest from the Department in March, 1892, was during the year taken by the contractors, Messrs. Graham and Wadick, into the Supreme Court to enforce the award against the Department, and it was there declared invalid.

In the case of Messrs. Buckley and Sons' claims, £14,240 19s. on the Toora and Port Albert Line contract, an award, for £7,376 9s. 1d., including costs of award, by arbitrators appointed solely by the contractors and not recognised by the Department, was taken by the contractors into the Supreme Court to enforce payment against the Department, where the award was declared invalid.

Messrs. Bloomfield Bros., contractors for the Terang and Warrnambool Railway, having referred to arbitration disputed claims amounting to £28,234 1s. 3d. with interest thereon, arising out of their contract, the Department appeared under protest. The arbitrators' award, including part costs of award, was £8,643 3s. 11d. with interest thereon, against the Department. On the contractors appealing to the Supreme Court to enforce payment, it was decided that the arbitrators' award was in part bad; and the result was that the Department paid the contractors the sum of £7,594 11s. 4d., including interest, in full settlement.

In the case of Mr. Robert Thornton's claims on the Cathkin and Mansfield Line contract, which were referred to arbitration, the Department appearing under protest, the arbitrators' award was made in the early part of the financial year, but no action has been taken by the Department thereon.

The following lines were under survey during the financial year ended 30th June, 1894:—

**PERMANENT SURVEYS.**

*Country Lines.*

Alexandra-road to Alexandra Deviation  
Dimboola to Jeparit

Beeac to Newtown  
Wycheproof to Lake Tyrrell (let by contract).

*Suburban Lines.*

Nil.

**TRIAL SURVEYS.**

*Country Lines.*

Heidelberg to Eltham (deviation at Greensborough),

*Suburban Lines.*

Nil.

I have the honour to be, Gentlemen,

Your obedient servant,

F. RENNICK,

Engineer-in-Chief.

## VICTORIAN RAILWAYS.

## No. 2.

Office of Engineer for Existing Lines,  
Melbourne, 31st August, 1894.

GENTLEMEN,

I have the honour to report that during the year ended 30th June, 1894, the way and works of the Victorian Railways were efficiently maintained.

The total expenditure for the year on account of maintenance was £320,980 17s. 4d. for an average of 297 miles of double and an average of 2,684 $\frac{3}{4}$  miles of single line of way, or a total average length of 2,981 $\frac{3}{4}$  miles of line maintained, as against £327,959 2s. 2d. for an average of 297 miles of double and an average of 2,636 miles of single line of way, or a total average length of 2,933 miles of line maintained in 1892-3, being at the rate per mile of £107 13s. in 1893-4 as compared with £111 16s. 4d. in 1892-3.

The average cost of maintenance per train mile in 1893-4 has been 7·60d., as against 7·31d. in 1892-3, and 8·38d. in 1891-2.

There were 14 miles of way (steel rails) used for renewals during the year, as against 6 $\frac{1}{2}$  miles in the previous year, and 5 miles in 1891-2. In addition, 21 $\frac{3}{4}$  miles of line were re-laid with new steel rails taken from sidings. The number of sleepers used for renewals and repairs was 82,278, as against 75,774 in the previous year, and 68,899 in 1891-2.

Progress was made with the general re-arrangement of the metropolitan stations at Spencer-street, Flinders-street, and Prince's-bridge, with a view to the interchange of traffic.

Contracts were let for alterations to girders at Point Nepean-road bridge on the Brighton line, for subway at Middle Park, and for smaller accommodation works at various places.

An extensive flood occurred in August, 1893, in the Avon River, in Gippsland, by which more than one-half of the bridge over this river on the Briagolong line was carried away, and the bridge over the same river on the Bairnsdale line was seriously damaged. The latter bridge has been temporarily repaired.

The following new lines were taken over during the year for maintenance:—

Line or Section.	Length in Miles.	Dates when Maintenance commenced.
Beulah to Hopetoun ...	... 16	6th March, 1894
Korumburra (Jumbunna Junction) to Jumbunna	3 $\frac{3}{8}$	7th May, 1894
Korumburra (Strezlecki Junction) to Strezlecki	2 $\frac{1}{4}$	1st June, 1894
Dimboola to Jeparit ...	23	19th June, 1894

Since 30th June, railways have been opened from East Natimuk (late Natimuk) to Goroke, 28 $\frac{1}{4}$  miles, and from Boort to Quambatook, 22 miles.

New sidings have been brought into use at Bendigo providing more convenient access to the corporation cattle and sheep yards. The total length of these new sidings is 1 mile 12 chains.

Owing to the small quantity of work in hand, the workmen on the permanent staff (except those engaged on the permanent way) worked only 5 $\frac{1}{2}$  days a week throughout the year, and, where practicable, the casual labour engaged for extra works in the Metropolitan district has been employed only half time in order to give work to as many men as possible.

I have the honour to be, Gentlemen,

Your obedient servant,

C. E. NORMAN,

Engineer for Existing Lines.

## VICTORIAN RAILWAYS.

## No. 3.

Locomotive Carriage and Waggon Branch,  
Chief Mechanical Engineer's Office,  
Melbourne, 6th August, 1894.

GENTLEMEN,

I beg leave to submit my report on the working of the Locomotive Carriage and Waggon Branch for the twelve (12) months ending 30th June, 1894. The rolling-stock and plant have been kept in good working order, and the trains run at a considerable reduction of cost on previous years. The following is a comparison for the past three (3) years:—

*Comparative Table.—*

		Year 1891-2.	Year 1892-3.	Year 1893-4.	Year 1894-5. Estimated.
Average miles open	...	2,829 $\frac{1}{4}$	2,933	2,981 $\frac{3}{4}$	—
Train miles run	...	11,807,677	10,775,134	10,145,307	—
Engine miles run	...	14,932,449	13,635,721	12,825,090	—
Gross revenue	...	£3,095,122	£2,925,948	£2,726,159	—
Total locomotive working expenses—					
Labour and material	...	£822,403	£735,283	£632,359	£559,000
Credit to be added	...	17,484			
Total locomotive expenditure on stock, working expenses, and for other branches, exclusive of work done by contract and material supplied to contractors—					
Labour and material	...	£878,385	£773,322	£644,890	—
Credit to be added	...	23,935			
Rebuilds, conversions, &c., charged to working expenses—					
Labour and material	...	£8,184	£10,412	£11,740	—
Working expenses per train mile	...	16·71d.	16·38d.	14·96d.	—
Working expenses per engine mile	...	13·22d.	12·94d.	11·83d.	—
Number of men employed at 30th June	...	3,415	3,335	3,017	—
Equivalent number if working full time	...	3,415	3,231	2,685	—

*Short Time.*—The working time at Newport and Port Melbourne has been further reduced to four days and a half, of eight hours each, per week since 2nd September, 1893. The principle of short time has also been extended to the running-sleds and wherever practicable. A number of cleaners have been also transferred to the Existing Lines Branch. Taking short time into account the Branch is now worked with 16 less officers and 546 men less than in 1892-3.

*Lubricating Oils.*—Considerable saving, amounting to upwards of 25d. per train mile, equal to 40 per cent. or fully £10,000 per annum on present train mileage, has been effected without loss of efficiency during the past year by substituting mineral oil, obtained under contract, for castor, colza, and lard oil, and by the exercise of rigid economy and by improved means of lubricating; some of the classes of engines now use less than half the oil per 100 miles than that formerly consumed. Though these economies were initiated by me in June of 1893, their effect could not be fully felt during the year owing to a large stock of castor being on hand and the time taken to fit engines with lubricators, &c. Further savings in cleaners' and other stores have been made and will be largely added to during the coming year.

*Coal.*—Notwithstanding every care in the use of coal the consumption per train mile has increased. The conditions of loading are practically the same as for the last three (3) years, so therefore the increase can only be accounted for by the fact that a larger percentage of inferior coal was used during the past year than heretofore. The following is a comparison of the averages of coal used per train mile and the percentage of Victorian coal consumed for the last three (3) years:—

Train Miles.		Average per Train Mile.			Percentage Victorian Coal to total Coal.
		lbs.	°	°	
11,807,677	...	45·9	...	...	8·3
10,775,134	...	46·6	...	...	17·8
10,145,307	...	49·5	...	...	53·4

Though 629,827 less miles were run in 1893-4 than 1892-3 more coal was burnt. If the consumption per mile in 1893-4 had been the same as in 1891-2, viz., 45·9 lbs. per mile, there would have been 16,418 tons less used. The rate paid for Victorian coal should be more commensurate with its commercial value.

*Handling of Fuel.*—The system of having the work of loading and unloading coal, firewood, &c., performed by contract instead of by day labour has resulted in a considerable saving to the Department, the expenditure in this item having been reduced by £3,178 for the year.

*Repairs.*—The following are the principal repairs and works that have been executed during the year, viz., 204 engines, 341 carriages and vans, and 1,995 waggons overhauled and fully repaired at the Newport and Port Melbourne workshops, and about 355 engines overhauled and repaired at country and other depôts.

Upwards of 21,000 carriages, vans, and waggons have been overhauled at Prince's-bridge and Spencer-street, and light repairs effected to 961 carriages and 10,795 waggons. Three thousand three hundred and eighty-nine (3,389) truck covers have been repaired, and 930 new covers supplied and charged to Loco. expenses. A considerable quantity of interlocking and signal work, staff-boxes, and other work has been executed for the Existing Lines, Traffic, and Telegraph Branches and Defence Department.

*New work.*—One (1) first class carriage "A" and one (1) second class "B" have been rebuilt, and 30 "H" and 26 "U" trucks have been constructed, one (1) "AA" carriage altered to a State carriage, and nine (9) cars converted into "ABD's" in the Newport shops during the year. These cost £14,000, of which £11,740 has been charged to working expenses. Two of the "N" class engines for use on branch lines have been converted so as to provide through communication for use on branch lines.

*Boilers.*—I regret that during the year the boiler of 297 "R" class exploded. The cause was due to grooving of the plates of some repairs executed in 1888. The occurrence pointed to the necessity of more frequent and systematic examination of boilers, which is being carried out. The following new boilers have been fitted and repairs executed during the year:—10 new locomotive boilers, 3 new fire-boxes, 3 new pumping-engine boilers, 61 boilers examined, retubed, and thoroughly repaired, 155 boilers examined and tested. The above is considerably in excess of boiler work executed in any previous year.

*Axles.*—Twelve new crank axles have been fitted during the year, and a much more frequent and rigid system of examination of axles, tires, &c., instituted.

*Balancing.*—The wheels of an engine of the "K" class have been balanced, and have been running several months with good results. Steps are being taken to balance the whole of the engines requiring same.

*Tractive Power of Engines.*—Consideration is being given to this subject. In several of the classes I am of opinion greatly increased power can be obtained without a very large outlay.

*Cool Trucks.*—Several experiments were made with cool trucks during the season. It was decided to adopt trucks cooled with ice for the carriage of butter and other dairy produce. A contract has been let for machinery to produce ice at a low rate per ton. Pattern truck is in hand. Tenders are now being invited.

*Contracts.*—During the year 17 "E" class tank engines and 15 louvred waggons have been delivered by contractors and placed in running.

No contracts for the construction of new vehicles of any kind have been let during the twelve months named.

*Casualties.*—I am glad again to report that no serious casualty has occurred to any of our trains during this period, which bears testimony to the care and vigilance exercised by those concerned in the running.

*Reductions.*—The percentage reductions in pay and curtailment of privileges have been borne by the officers and men of the Branch in an exemplary manner, and economy in every direction is being observed.

I have the honour to be, Gentlemen,

Your obedient servant,

T. H. WOODROFFE,

Chief Mechanical Engineer.

The Victorian Railways Commissioners.

# VICTORIAN RAILWAYS.

No. 4.

Dr.	PROFIT AND LOSS ACCOUNT FOR THE YEAR ENDING 30TH JUNE, 1894.			Cr.
	£	s.	d.	
To Working Expenditure—				
Maintenance and Renewals ...	320,980	17	4	
Locomotive Charges (including Carriage and Waggon Repairs, &c.) ...	632,359	4	1	
Traffic Charges (including Compensation) ...	566,541	13	5	
General Charges ...	115,537	10	10	
To Interest on Loans ...	1,450,469	13	11	
Expenses on Interest Payments	23,898	2	1	
Redemption Expenses ...	12,481	7	7	
Less estimated Interest on unexpended balances of Loan Moneys ...	26,000	0	0	
	<hr/>	<hr/>	<hr/>	
	1,486,849	3	7	
	<hr/>	<hr/>	<hr/>	
	1,460,849	3	7	
	<hr/>	<hr/>	<hr/>	
	3,096,268	9	3	
	<hr/>	<hr/>	<hr/>	
By Revenue—				
Passengers ...	1,118,375	3	11	
Parcels, &c. ...	93,353	18	4	
Horses, Carriages, &c. ...	14,914	14	9	
Mails ...	61,733	10	4	
Rents ...	53,401	7	3	
Miscellaneous ...	17,896	0	7	
Live Stock ...	136,380	12	3	
Goods ...	1,230,103	13	11	
	<hr/>	<hr/>	<hr/>	
Balance (deficiency in meeting Interest) ...	2,726,159	1	4	
	<hr/>	<hr/>	<hr/>	
	370,109	7	11	
	<hr/>	<hr/>	<hr/>	
	3,096,268	9	3	

Accountant's Branch,  
1st September, 1894.

R. SINGLETON,  
Accountant.

ROBERT GEO. KENT,  
Secretary.

## VICTORIAN RAILWAYS.

## No. 5.

STATEMENT of the Funds obtained under Current Loans for the Construction of the Victorian Railways and of the Expenditure charged against same, to the 30th June, 1894.

Dr.	Loans Current.			Expenditure on Construction charged against Loans.	Cr.
	Rate per Cent.	£	s. d.	£	s. d.
Loan 36 Victoria No. 439*	4	88,872	18	0	
Loan 37 Victoria No. 468	4	1,450,000	0	0	
Loan 39 Victoria No. 531	4	1,396,693	0	0	
Loan 42 Victoria No. 608	4½	4,156,573	12	2	
Loan 45 Victoria No. 717	4	2,769,006	2	4	
Loan 46 Victoria No. 739	4	2,000,000	0	0	
Loan 46 Victoria No. 741	4	107,600	0	0	
Loan 47 Victoria No. 760	4	3,758,788	0	3	
Loan 48 Victoria No. 805	4	3,251,172	4	3	
Loan 49 Victoria No. 845	4	4,500,000	0	0	
Loan 51 Victoria No. 963 (Debentures Redemption Act) ...	4	130,000	0	0	
Loan 52 Victoria No. 989	3½	2,673,913	0	11	
Loan 53 Victoria No. 1032	3½	3,150,000	0	0	
Loan 54 Victoria No. 1196	3½	2,226,086	19	1	
Loan 55 Victoria No. 1217	3½	1,666,666	13	4	
Victorian Stock Acts 53 Victoria Nos. 1015 and 1341 ...	4	553,096	5	6	
Loan 56 Victoria No. 1287	4	2,107,000	0	0	
Loan 56 Victoria No. 1296	4	304,107	1	0	
		36,289,575	16	10	
Act 42 Victoria 617, M. and H. B. Railway Debentures not yet redeemed	5	154,900	0	0	
		36,444,475	16	10	
Less Discount and Expenses on Sale of Debentures	...	1,030,056	10	4	
Deduct Net Premiums on Debentures	...	478,388	12	6	
		551,667	17	10	
		35,892,807	19	0	
					35,892,807 19 0

\* £76,680 Debentures at 6 per cent. converted into £88,872 18s. Victorian Government Stock at 4 per cent. Increased debt, £12,192 18s.  
Decreased interest payable per annum, £1,045 17s. 8d.

Accountant's Branch,  
21st August, 1894.

R. SINGLETON,  
Accountant.

ROBERT GEO. KENT,  
Secretary.

## VICTORIAN RAILWAYS.

## No. 6.

Dr.

RECEIPTS and EXPENDITURE on Capital Account to the 30th June, 1894.

Cr.

	£ s. d.	£ s. d.	£ s. d.	£ s. d.
To Net Amount raised on Loans (see Return No. 5) .. ..	35,892,807 19 0		By Construction of Lines, &c., per details on Return No. 15 .. ..	29,995,421 14 9
" Amount from Consolidated Revenue .. ..	3,377,435 19 8	39,270,243 18 8	" General Construction .. ..	2,588,559 12 9
" Remittances to Agent-General on Construction Account .. ..	16,365 18 0		" Italling-stock .. ..	5,104,581 17 11
" Sundry Creditors .. ..	7,479 1 0		" Plant and Materials on hand .. ..	37,748,563 5 5
		39,294,088 17 8	" " " in transit .. ..	365,821 4 5 2,568 3 10
			" Balance in hands of Agent-General for purchase of Materials .. ..	
			" Unadjusted Advances .. ..	.. ..
			" Sundry Debtors .. ..	.. ..
			" Unexpended Balances of Loan Money .. ..	.. ..
				16,365 18 0 20,000 0 0 2,378 10 5 1,138,391 15 7
				38,116,952 13 8
				39,294,088 17 8

Accountant's Branch,  
21st August, 1894.

R. SINGLETON,  
Accountant.

ROBERT GEO. KENT,  
Secretary.

## VICTORIAN RAILWAYS.

## No. 7.

VICTORIAN RAILWAYS in account with the Consolidated Revenue to 30th June, 1894.

Dr.	RECEIPTS.	EXPENDITURE.	Cr.
To Net Receipts from Consolidated Revenue	8,703,301 2 11		
" Votes of 1893-4 (Salaries, Wages, Contingencies, &c.) .. ..	1,539,728 7 5	By Interest paid on Loans, &c., as under—	
" Special Appropriations—Act 1135 .. ..	85,043 8 10	19 Vict. No. 15 .. ..	57,742 0 6
	10,328,072 19 -	21 Vict. No. 36 .. ..	11,332,436 14 5
Less Railway Income on account of 1893-4 .. ..	2,671,004 3 11	25 Vict. No. 150 .. ..	400,371 13 11
Ditto (outstanding) .. ..	52,854 2 6	29 Vict. No. 287 .. ..	361,250 0 0
Balance at London Bank Limited .. ..	2,210 14 11	32 Vict. No. 331 .. ..	2,540,203 11 0
	2,726,159 1 4	36 Vict. No. 439 .. ..	73,918 3 6
	7,601,913 17 10	37 Vict. No. 468 .. ..	1,111,062 10 0
Railway Loan Liquidation and Construction Account—Act 360 .. ..	2,200,000 0 0	39 Vict. No. 531 .. ..	959,062 10 8
Do. do. do. Act 1182 .. ..	25,000 0 0	42 Vict. No. 608 .. ..	2,638,386 16 8
" Land Fund—Acts 812 and 1106 .. ..	578,740 6 1	45 Vict. No. 717 .. ..	1,198,284 1 11
	2,803,740 6 1	46 Vict. No. 739 .. ..	843,241 0 3
	10,405,654 3 11	46 Vict. No. 741 .. ..	40,944 15 0
" Net Revenue .. ..	20,539,519 8 1	47 Vict. No. 760 .. ..	1,514,926 1 1
" Remittances by Treasurer to Agent-General on Railway Account .. ..	6,493 12 8	48 Vict. No. 805 .. ..	1,137,189 10 9
" Sundry Creditors .. ..	110,563 3 1	49 Vict. No. 845 .. ..	1,237,884 4 9
	31,062,240 7 9	51 Vict. No. 963 .. ..	31,466 10 9
		52 Vict. No. 989 .. ..	467,934 15 5
		53 Vict. No. 1032 .. ..	441,000 0 0
		54 Vict. No. 1166 .. ..	200,426 1 10
		55 Vict. No. 1015 .. ..	12,609 5 8
		55 Vict. Nos. 1217 and 1233 .. ..	142,592 11 11
		56 Vict. No. 1296 .. ..	1,835 16 9
			26,744,828 16 9
		" Interest on M. and H. B. Railway Debentures .. ..	178,496 17 6
		" Expenses on payment of interest .. ..	338,729 12 11
			27,262,055 7 2
		" Unadjusted Advances .. ..	110,000 0 0
		" Stores in hand .. ..	271,223 19 7
		" Balance in hands of Agent-General .. ..	6,493 12 8
		" Railway Accident Fund—Unexpended Balance, as per Return No. 9 .. ..	
		" Sundry Debtors .. ..	.. ..
		" Balance to Capital Account .. ..	.. ..
			387,817 12 3
			25,898 17 10
			9,132 10 10
			3,377,435 19 8
			31,062,240 7 9

Accountant's Branch,  
21st August, 1894.

R. SINGLETON,  
Accountant.

ROBERT GEO. KENT,  
Secretary.

## VICTORIAN RAILWAYS.

No. 8.

Dr.

GENERAL BALANCE-SHEET at 30th June, 1894.

Cr.

	£ s. d.	£ s. d.	£ s. d.	£ s. d.
To Receipts on Capital Account from Loans .. .. ..	35,892 8 19 0		By Expenditure on Construction of Railways	37,748,563 5 5
" Receipts from Consolidated Revenue .. .. ..	10,405,654 3 11	46,298,462 2 11	" Stores, Plant, and Material on hand— Capital .. .. .. ..	365,821 4 5
" Unexpended Balance of Treasury Remittances to Agent-General— Capital .. .. ..	16,365 18 0		Revenue .. .. .. ..	271,223 19 7
Revenue .. .. ..	6,493 12 8	22,859 10 8	In transit .. .. .. ..	2,568 3 10
" Sundry Creditors (including De- partmental Salaries and Wages for June)— Capital .. .. ..	7,479 1 0		" Balance in hands of Agent General for Purchase of Material— Capital .. .. .. ..	16,365 18 0
Revenue .. .. ..	110,563 3 1	118,042 4 1	Revenue .. .. .. ..	6,493 12 8
		46,439,163 17 8	" Interest on Loans .. .. .. ..	27,262,055 7 2
			Less Net Revenue .. .. .. ..	20,539,529 8 1
			" Unadjusted Advances— Capital .. .. .. ..	20,000 0 0
			Revenue .. .. .. ..	110,000 0 0
			" Sundry Debtors— Capital .. .. .. ..	2,378 10 5
			Revenue .. .. .. ..	9,132 10 10
			" Balance of Loans unexpended .. .. .. ..	.. .. .. ..
			" Railway Accident Fund (Balance unex- pended) .. .. .. ..	11,511 1 3
				1,138,391 15 7
				25,898 17 10
				46,439,363 17 8

R. SINGLETON,  
Accountant.ROBERT GEO. KENT,  
Secretary.Accountant's Branch,  
21st August, 1894.

## VICTORIAN RAILWAYS.

No. 9.

Dr.

RAILWAY ACCIDENT FUND (Act 55 Vict. No. 1250).

Cr.

	£ s. d.		£ s. d.
To Balance from 1892-3 .. .. ..	15,253 11 4	By compensation claims paid out of above Fund, as provided by Sec. 46, clause 2, of Act No. 1250, being 10s. per £100 received for fares for the conveyance of passengers, and charges for live-stock, goods, and parcels, from 1st July, 1893, to 30th June, 1894 .. .. ..	2,616 18 8
" Amount paid into the Railway Accident Fund, in accordance with Sec. 46, clause 2, of Act No. 1250, being 10s. per £100 received for fares for the conveyance of passengers, and charges for live-stock, goods, and parcels, from 1st July, 1893, to 30th June, 1894 .. .. ..	13,262 5 2	" Balance ... .. .. ..	25,898 17 10
	28,515 16 6		28,515 16 6

R. SINGLETON,  
Accountant.ROBERT GEO. KENT,  
Secretary.Accountant's Branch,  
21st August, 1894.

## VICTORIAN RAILWAYS.

No. 10.

STATEMENT OF REVENUE AND EXPENDITURE for the Year ending 30th June, 1894.

EXPENDITURE.							REVENUE.						
Miles open .. .. .. ..	3,020	Cost per Train Mile.	Per Cent. to Revenue.	Number of Passengers carried .. ..	40,880,378	Average per Train Mile.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Average Miles open for the Year .. ..	2,987 <sup>4</sup>			Tons of Live Stock carried .. ..	108,128								
Train Miles run .. .. ..	10,145,307			,, Goods carried .. ..	2,347,683								
MAINTENANCE OF WAY AND WORKS:		£ s. d.	£ s. d.	d.									
Wages .. .. ..	281,009 2 0												
Stores .. .. ..	39,971 15 4												
		320,980 17 4		7'60	11'77								
LOCOMOTIVE CHARGES:													
Loco. Supdt., Inspectors, & Clerks	6,500 7 6												
,, Foremen .. ..	5,927 12 4												
,, Drivers and Firemen .. ..	159,087 3 7												
,, Cleaners .. ..	31,695 13 6												
,, Coalmen .. ..	13,333 11 1												
,, Sundry Labour .. ..	17,530 19 3												
,, Coal and Coke .. ..	145,961 9 10												
,, Wood .. ..	5,477 2 1												
,, Water .. ..	{ Wages 4,165 10 6 { Stores 12,462 3 5												
Oil, Tallow, and Waste .. ..	17,040 2 11												
Sundry Stores .. ..	7,687 18 6												
Repairs to Engines .. ..	{ Wages 80,263 6 3 { Stores 21,178 0 9												
	528,309 1 6			12'50	19'38								
CARRIAGES AND WAGGONS:													
Repairs .. ..	{ Wages 68,257 9 7 { Stores 25,683 4 0												
Greasing .. ..	{ Wages 9,483 9 8 { Stores 625 19 4												
	104,050 2 7			2'46	3'82								
TRAFFIC CHARGES:													
Traffic Manager's Office { Wages 13,564 8 5 Expenses .. .. { Stores 1,030 8 1													
Melbourne Terminus, { Wages 30,918 11 9 Pass. Stn. .. .. { Stores 2,370 13 6													
Melbourne Terminus, { Wages 48,356 4 2 Goods Stn. .. .. { Stores 3,247 12 0													
Station-masters .. ..	74,571 3 4												
Clerks .. ..	28,368 13 4												
Porters, Labourers, &c. ..	133,696 7 2												
Pointsmen .. ..	49,244 13 10												
Gatekeepers .. ..	58,412 5 8												
Guards .. ..	44,671 0 1												
Stores for Stations .. ..	24,637 4 11												
Advertising .. ..	4,719 10 3												
Travelling and Incidental Expenses .. ..	15,929 12 6												
Sundry Charges .. ..	{ Wages 9,967 4 8 { Stores 15,115 12 2												
Williamstown Pier Ex-penses .. ..	{ Wages 3,008 19 4 { Stores 395 16 2												
	562,226 1 4			13'30	20'62								
COMPENSATION .. ..	{ Personal 2,938 7 2 Goods, &c. 1,377 4 11												
	4,315 12 1			0'10	0'16								
GENERAL CHARGES:													
Commissioners .. ..	3,032 5 0												
*Secretary's Office .. ..	{ Wages 4,636 8 11 Stores 638 16 6												
*Accountant's Office .. ..	{ Wages 6,508 12 9 Stores 410 17 9												
Audit Office .. ..	{ Wages 7,849 14 5 Stores 452 3 4												
*Stores Office .. ..	{ Wages 6,443 8 10 Stores 390 6 6												
Telegraph Branch .. ..	{ Wages 7,214 11 11 Stores 106 8 4												
†Pensions .. ..	41,359 7 7												
†Gratuities, &c. .. ..	36,494 9 0												
	115,537 10 10			2'73	4'24								
Total .. ..	1,635,419 5 8	s. d.											
Balance .. ..	1,090,739 15 8	s. d.											
	2,726,159 1 4												

\* £3,000 debited to Capital Account. The charges against which asterisks are placed reduced pro rata.

† £13,765 13s. 6d. debited to Capital Account, being Pensions and Gratuity paid during the year to officers of the Board of Land and Works.

R. SINGLETON,  
Accountant.ROBERT GEO. KENT,  
Secretary.Accountant's Branch,  
21st August, 1894.

VICTORIAN RAILWAYS.

No. 11.

COMPARATIVE STATEMENT for Twenty-two Years, from 1st July, 1871, to 30th June, 1894.\*

Year.	Miles open at end of Year.	Average Miles open during the Year.	CONSTRUCTION.		ROLLING-STOCK.					Number of Passengers conveyed.	Tonnage of Goods and Live Stock conveyed.	GROSS REVENUE.				Total Train Miles Run.	Gross Receipts per Train Mile.
			Capital Cost, including Rolling-stock.	Average Cost per Mile open.	Passenger Engines.	Goods Engines.	Passenger Vehicles.	Goods and other Vehicles.	Vans and Sundries.			From Passenger, &c., Traffic.	From Goods and Live Stock Traffic.	Total.	Per Average Mile open.		
1871-2	313	267	£ 10,034,772	£ 32,060	51	41	144	1,449	115	1,508,671	489,126	£ 236,671	£ 400,961	£ 637,632	£ 2,388	1,173,434	s. d. 10/10/41
1872-3	360	335	10,815,868	30,128	51	43	145	1,519	125	1,720,815	569,871	260,756	442,972	703,728	2,101	1,354,131	10/4/72
1873-4	441	414	11,557,484	26,207	52	54	160	1,641	131	2,039,030	681,710	304,073	546,969	851,042	2,056	1,667,124	10/2/52
1874-5	586	541	12,411,672	21,143	58	63	183	1,853	149	2,664,743	677,592	350,417	569,591	920,008	1,701	2,051,710	8/11/50
1875-6	620	608	13,239,405	21,354	58	63	205	1,980	149	2,905,487	797,617	388,228	606,539	994,767	1,636	2,280,092	8/8/71
1877	931	787	14,562,984	15,642	76	63	221	2,212	161	3,337,029	913,294	460,459	675,340	1,135,799	1,443	2,786,581	8/1/82
1878	1,035	967	15,343,240	14,824	80	68	231	2,602	161	3,810,294	914,044	515,351	701,324	1,216,675	1,258	3,095,590	7/10/33
1879	1,108	1,091	16,251,420	14,667	87	76	243	2,864	204	4,148,319	918,388	521,383	700,724	1,222,107	1,120	3,462,622	7/0/71
‡ 1880	1,199	1,194	18,041,295	15,047	119	78	371	3,185	226	15,990,330	1,241,225	674,890	818,027	1,492,917	1,250	4,380,802	6/9/79
‡ 1881	1,247	1,215	18,603,830	14,919	122	88	398	3,398	211	18,964,214	1,366,603	770,617	894,592	1,665,209	1,371	4,633,267	7/2/26
‡ 1882	1,355	1,300	19,746,915	14,573	126	102	456	3,720	231	21,868,581	1,568,251	835,710	945,368	1,781,078	1,370	5,069,389	7/0/32
‡ 1883	1,562	1,432	21,488,065	13,757	132	127	590	4,258	235	25,064,937	1,698,770	917,453	980,858	1,898,311	1,326	5,701,513	6/7/91
‡ 1884-5	1,676	1,655	22,914,449	13,672	144	161	701	4,511	286	31,241,043	1,887,379	1,072,708	1,109,224	2,181,932	1,318	6,849,818	6/4/45
‡ 1885-6	1,743	1,691	24,357,814	13,975	153	179	753	4,883	289	37,153,655	2,202,206	1,187,548	1,141,578	2,329,126	1,377	7,256,703	6/5/03
‡ 1886-7	1,880	1,791	26,171,609	13,921	152	194	808	5,297	336	41,856,404	2,325,532	1,259,496	1,193,582	2,453,078	1,370	7,991,378	6/1/67
‡ 1887-8	2,018	1,947	28,212,064	13,981	169	195	819	6,242	349	47,244,643	2,660,550	1,397,050	1,358,999	2,756,049	1,415	9,082,312	6/0/83
‡ 1888-9	2,197‡	2,142	31,189,517	14,195	171	211	900	6,099	350	57,481,697	3,060,721	1,668,540	1,441,600	3,110,140	1,452	10,680,743	5/9/88
‡ 1889-90	2,469‡	2,329‡	34,379,031	13,917	197	233	961	7,099	395	58,951,796	3,086,888	1,681,183	1,450,683	3,131,866	1,344	11,773,152	5/3/84
‡ 1890-91	2,763	2,650‡	36,341,626	13,153	210	245	1,085	8,035	437	57,996,039	3,262,427	1,706,803	1,591,764	3,298,567	1,245	12,249,747	5/4/63
‡ 1891-2	2,903	2,829‡	37,085,309	12,775	213	249	1,114	8,179	463	55,148,122	2,720,886	1,644,315	1,450,807	3,095,122	1,094	11,807,677	5/2/91
‡ 1892-3	2,975	2,933	37,462,372	§ 12,665	248	251	1,107	8,530	469	46,520,784	2,558,378	1,508,867	1,417,081	2,925,948	998	10,775,134	5/5/17
‡ 1893-4	3,020	2,981‡	37,748,563	§ 12,570	262	254	1,096	8,597	474	40,880,378	2,455,811	1,359,675	1,366,484	2,726,159	914	10,145,307	5/4/49

Half-years ending 31st December, 1876, and 30th June, 1884, not included.

‡ The Hobson's Bay Suburban Lines included since 1880.

§ Seventeen miles, Dookie to Katamatite Tramway, not included.



## VICTORIAN RAILWAYS.

## No. 12.

STATEMENT showing Dates of Opening and Length in Miles of the Different Sections of Victorian Railways to 30th June, 1894.

Date of Opening.	From—	To—	Length in Miles.	Authorized by Act—
1854—Sept. 13	Flinders-street	Port Melbourne	16	Vict.—
1857—May 13	Flinders-street	St. Kilda	16½	20.1.53 19 Vict.—
1859—Dec. 15	Flinders-street	Brighton	21	19.3.56 Vict. No. 42
1860—Oct. 1	Richmond	Hawthorn	21	Vict. No. 43
1857—June 17	Williamstown Junction	Geelong (including Pier)	39	21 Vict. No. 36 25 Vict. No. 150
1859—Jan. 17	Footscray	Williamstown Pier	6	21 Vict. No. 36
" Feb. 10	Melbourne	Sunbury	23½	21 Vict. No. 36
1860—Oct. 21	Essendon Junction	Essendon	31	32 Vict. No. 331
1861—July 8	Sunbury	Woodend	24½	21 Vict. No. 36
1862—April 11	North Geelong Junction	Ballarat	53½	21 Vict. No. 36
" 25	Woodend	Kyneton	8½	21 Vict. No. 36
" Oct. 21	Kyneton	Sandhurst	44	21 Vict. No. 36
1864—Sept. 19	Sandhurst	Echuca	55½	21 Vict. No. 36
1867—Nov. 30	Newmarket Junction	Race-course	1½	32 Vict. No. 331
1872—April 18	Essendon	Schoolhouse-lane	54	32 Vict. No. 331
" Aug. 26	Schoolhouse-lane	Seymour	2½	32 Vict. No. 331
" Nov. 20	Seymour	Longwood	23½	32 Vict. No. 331
1873—March 20	Longwood	Violet Town	20	32 Vict. No. 331
" Aug. 18	Violet Town	Benalla	16	32 Vict. No. 331
" Oct. 28	Benalla	Wangaratta	24	32 Vict. No. 331
" Nov. 21	Wangaratta	Wodonga	42½	32 Vict. No. 331
1874—July 7	Castlemaine	Maryborough	34	35 Vict. No. 415
" Aug. 11	Ballarat	Creswick	11½	35 Vict. No. 415
" Oct. 6	Ballarat	Beaufort	28½	35 Vict. No. 415
" Nov. 16	Maryborough	Dunolly	13½	35 Vict. No. 415
1875—Feb. 2	Creswick	Clunes	11½	35 Vict. No. 415
" April 7	Beaufort	Maryborough	19½	35 Vict. No. 415
" July 7	Beechworth Junction	Ararat	28½	35 Vict. No. 415
1876—Feb. 15	Ararat	Everton	12½	37 Vict. No. 475
" April 14	Scallan's Hill	Scallan's Hill	17½	37 Vict. No. 475
" Sept. 19	Sandhurst	Stawell	1	37 Vict. No. 475
" 30	Everton	Bridgewater	25½	37 Vict. No. 475
" Oct. 21	Maryborough	Beechworth	10½	37 Vict. No. 475
" Nov. 18	Bridgewater	Avoca	15	37 Vict. No. 475
" 25	Geelong	Inglewood	4½	37 Vict. No. 475
1877—March 13	Winchelsea	Winchelsea	25½	37 Vict. No. 475
" April 24	Ararat	Birregurra	12½	37 Vict. No. 475
" June 1	Sale	Dunkeld	47½	37 Vict. No. 475
" July 27	Birregurra	Morwell	38½	37 Vict. No. 475
" Oct. 8	Oakleigh	Colac	12	37 Vict. No. 475
" 29	Dunkeld	Bunyip	38½	37 Vict. No. 475
" Dec. 1	Moe	Hamilton	19	37 Vict. No. 475
" 19	Hamilton	Morwell	8½	37 Vict. No. 475
" 19	Portland Station	Portland	53	37 Vict. No. 475
1878—Feb. 1	Race-course Junction	Pier	1	37 Vict. No. 475
" March 1	Moe	Geelong Race-course	2	41 Vict. No. 580
" Sept. 3	Dunolly	Bunyip	32	37 Vict. No. 475
" Dec. 17	Stawell	Bealiba	12	41 Vict. No. 580
" 23	Bealiba	Murtoa	36½	41 Vict. No. 580
1879—Jan. 29	Springhurst	St. Arnaud	21	41 Vict. No. 580
" Feb. 5	Murtoa	Walgunyah	14	41 Vict. No. 580
" April 2	South Yarra	Horsham	17½	41 Vict. No. 580
" May 7	Warrenheip	Oakleigh	6½	42 Vict. No. 604
" 21	Geelong	Gordons	13	41 Vict. No. 580
" 20	Spencer-street	Queenscliff	20½	41 Vict. No. 643
1880—Jan. 13	Mangalore	Flinders-street (connexion)	¾	43 Vict. No. 643
" 13	Toolamba	Shepparton	45	42 Vict. No. 603
" Feb. 16	Carlsruhe	Tatura	7	43 Vict. No. 636
" March 17	Trentham	Trentham	10½	42 Vict. No. 606
1881—June 7	Lancefield Junction	Daylesford (including extension)	12	42 Vict. No. 666
" Aug. 11	Race-course Junction	Lancefield	14½	44 Vict. No. 660
" Sept. 1	Shepparton	Pisgah	2	44 Vict. No. 682
" Dec. 19	Caulfield	Numurkah	20½	44 Vict. No. 682
1882—Jan. 26	St. Arnaud	Mordialloc	10½	44 Vict. No. 682
" April 3	Hawthorn	Cope Cope	16½	44 Vict. No. 682
" 15	Inglewood	Camberwell	2	44 Vict. No. 682
" 22	Cope Cope	Korong Vale	20	44 Vict. No. 682
" July 1	Horsham	Donald	7½	44 Vict. No. 682
" Aug. 1	Mordialloc	Dimboola	21½	44 Vict. No. 682
" Dec. 1	Camberwell	Frankston	9½	44 Vict. No. 682
" 25	Kerang Junction	Lilydale	18½	44 Vict. No. 682
1883—Feb. 19	Eaglehawk	Raywood	13½	44 Vict. No. 682
" April 20	Korong Vale	Kerang Junction	1	44 Vict. No. 682
" June 14	Wodonga	Charlton	22½	44 Vict. No. 682
" 21	Raywood	Murray	2½	44 Vict. No. 682
		Mitiamo	22½	44 Vict. No. 682
		Carried forward	1,404	



No. 12.—STATEMENT showing Dates of Opening and Length in Miles of the Different Sections of Victorian Railways to 30th June, 1894—*continued.*

Date of Opening.	From—	To—	Length in Miles.	Authorized by Act—
1890—June 17	Molesworth ...	Brought forward	2,467	
" July 18	Huon-lane ...	Cathkin ...	2 $\frac{3}{4}$	48 Vict. No. 821
" Aug. 22	Kilmore ...	Bolga ...	6 $\frac{1}{2}$	48 Vict. No. 821
" " 22	Dunkeld ...	Tooborac ...	20 $\frac{1}{2}$	48 Vict. No. 821
" " 22	Hamilton ...	Koroit ...	49 $\frac{1}{2}$	48 Vict. No. 821
" Sept. 1	Murchison East ...	Penhurst ...	19	48 Vict. No. 821
" " 16	Cathkin ...	Rushworth ...	13 $\frac{1}{2}$	48 Vict. No. 821
" " 28	Sale ...	Alexandra-road ...	4 $\frac{1}{2}$	48 Vict. No. 821
" Oct. 10	Scarsdale ...	Canal ...	3 $\frac{1}{2}$	37 Vict. No. 475
" " 17	Myrtleford ...	Linton ...	8	48 Vict. No. 821
" Nov. 10	Cathkin ...	Bright ...	18 $\frac{1}{2}$	48 Vict. No. 821
" " 11	Tooradin ...	Merton ...	15 $\frac{1}{2}$	48 Vict. No. 821
" " 18	Ararat ...	Loch ...	23 $\frac{1}{2}$	48 Vict. No. 821
1891—Jan. 15	Kyneton (Redesdale Junction) ...	Avoca ...	39 $\frac{1}{2}$	48 Vict. No. 821
" March 24	Fairfield ...	Redesdale ...	16	48 Vict. No. 821
" " 24	Maldon (Laanecoorie Junction) ...	Riversdale (and junction with Lilydale line)	5 $\frac{3}{4}$	48 Vict. No. 821
" May 7	Merton ...	Shelbourne ...	9 $\frac{3}{4}$	48 Vict. No. 821
" June 2	Loch ...	Maindample ...	13 $\frac{1}{2}$	48 Vict. No. 821
" July 5	Birregurra ...	Korumburra ...	10	48 Vict. No. 821
" " 23	Beechworth ...	Forrest ...	19 $\frac{1}{2}$	48 Vict. No. 821
" " 24	Bolga ...	Yackandandah ...	12 $\frac{1}{2}$	48 Vict. No. 821
" Oct. 6	Maindample ...	Tallangatta ...	4 $\frac{1}{2}$	48 Vict. No. 821
" Dec. 17	Korumburra ...	Mansfield ...	8 $\frac{1}{2}$	48 Vict. No. 821
1892—Jan. 13	Leongatha ...	Leongatha ...	9 $\frac{1}{2}$	48 Vict. No. 821
" March 18	Rokeby ...	Port Albert ...	58 $\frac{1}{2}$	48 Vict. No. 821
" April 5	Curdie's River Junction ...	Neerim South ...	5 $\frac{1}{2}$	53 Vict. No. 1030
" " 6	Lancefield ...	Timboon ...	22 $\frac{1}{2}$	48 Vict. No. 821
" Oct. 28	Korumburra ...	Kilmore ...	18 $\frac{1}{2}$	48 Vict. No. 821
" Nov. 22	Dookie ...	Coal Creek ...	5 $\frac{3}{4}$	56 Vict. Nos. 1240 and 1255
1893—Jan. 5	Warracknabeal ...	Katamatite ...	17	(Tramway) taken over by De- partment
" March 28	Donald ...	Beulah ...	22	56 Vict. No. 1273
1894—March 6	Beulah ...	Birchip ...	32 $\frac{1}{2}$	56 Vict. No. 1273
" May 7	Korumburra (Jumbunna Junction) ...	Hopetoun ...	16	57 Vict. No. 1316
" June 1	Korumburra (Strezlecki Junction) ...	Jumbunna ...	3 $\frac{3}{4}$	55 Vict. Nos. 1240 and 1294
" " 19	Dimboola ...	Strezlecki ...	2 $\frac{1}{2}$	55 Vict. Nos. 1240 and 1294
		Jeparit ...	23	57 Vict. No. 1312
		Total ...	3,020	

R. SINGLETON,

ROBERT GEO. KENT,

Accountant.

Secretary.

Accountant's Branch,

21st August, 1894.

## VICTORIAN RAILWAYS.

## No.

STATEMENT showing the Traffic at each Station for Twelve Months ending 30th June, 1894.

STATIONS.	STATION TRAFFIC, being Moiety of Outwards and Inwards Revenue from—		
	Passengers, Parcels, &c.	Goods and Live Stock.	Totals.
Melbourne (Spencer-street) ... ...	£ 297,913 10 2	£ 292,814 4 11	£ 590,727 15 1
North Melbourne ... ...	6,161 16 7½	... ..	6,161 16 7½
Arden-street ... ...	1,167 9 3	14,484 10 0	15,651 19 3
Middle Footscray ... ...	1,411 18 1½	5,163 15 11	6,575 14 0½
Footscray West ... ...	602 0 6½	1,612 9 7	2,214 10 1½
Tottenham ... ...	37 9 2½	...	37 9 2½
Braybrook Junction ... ...	616 2 0½	1,302 16 8½	1,918 18 9
Albion ... ...	1 3 8½	...	1 3 8½
St. Albans ... ...	215 8 4½	259 11 10½	475 0 3
Sydenham ... ...	218 12 4	59 9 8	278 2 0
Diggers' Rest ... ...	359 8 5½	82 8 6½	441 17 0
Sunbury ... ...	1,461 4 1½	1,474 6 1½	2,935 10 3
Lancefield Junction ... ...	644 12 2	274 13 5½	919 5 7½
Riddell's Creek ... ...	606 18 8½	327 9 5	934 8 1½
Gisborne ... ...	1,008 14 6½	556 11 4	1,565 5 10½
Macedon ... ...	1,499 19 3	523 7 10	2,023 7 1
Woodend ... ...	2,997 14 8	1,984 4 8	4,981 19 4
Carlsruhe ... ...	217 13 8	159 2 9	376 16 5
Kyneton ... ...	7,023 4 5½	4,881 4 1	11,904 8 6½
Redesdale Junction ... ...	167 3 2½	159 0 10	326 4 0½
Malmsbury ... ...	1,070 12 9½	533 9 0	1,604 1 9½
Taradale ... ...	714 5 3	297 8 8½	1,011 13 11½
Elphinstone ... ...	312 6 9	305 9 3	617 16 0
Chewton ... ...	532 6 0	327 0 0½	859 6 0½
Castlemaine ... ...	9,897 10 0	6,364 9 0½	16,261 19 0½
Harcourt ... ...	472 5 8	521 9 3½	993 14 11½
Ravenswood ... ...	230 1 7½	136 17 4½	366 19 0
Kangaroo Flat ... ...	464 4 11½	424 1 7½	888 6 7
Golden Square ... ...	919 8 9	2,890 3 9	3,809 12 6
Bendigo ... ...	38,495 18 0½	31,317 17 0	69,813 15 0½
Epsom ... ...	...	30 2 10	30 2 10
Huntly ... ...	54 3 11	75 6 7	129 10 6
Bagshot ... ...	59 4 1½	241 7 4½	300 11 6
Wellsford ... ...	23 10 0½	143 8 10½	166 18 11
Goornong ... ...	427 4 3	1,031 7 11	1,458 12 2
South Elmore ... ...	196 13 2½	835 16 10½	1,032 10 1
Elmore ... ...	1,353 0 10	3,134 15 5	4,487 16 3
Rochester ... ...	2,276 11 0½	5,480 2 9	7,756 13 9½
Echuca ... ...	10,296 13 8½	26,603 7 4	36,900 1 0½
Bolinda ... ...	21 1 5½	1 10 8	22 12 1½
Monegatta ... ...	83 4 10	77 8 10½	160 13 8½
North Monegatta ... ...	13 0 8	...	13 0 8
Romsey ... ...	774 17 2½	1,163 17 8½	1,938 14 11
Lancefield ... ...	1,409 8 6½	1,405 14 0½	2,815 2 7
Mount William ... ...	13 5 8½	109 13 6½	122 19 3
Goldie ... ...	26 12 4½	77 2 6½	103 14 11
Springfield ... ...	13 4 8½	30 12 4½	43 17 1
High Park ... ...	6 18 0½	35 10 11½	42 9 0
Forbes ... ...	3 9 0	4 17 8	8 6 8
Tylden ... ...	232 5 9	371 4 5½	603 10 2½
Fern Hill ... ...	323 9 11½	1,189 6 4½	1,512 16 4
Trentham ... ...	1,263 4 3½	2,550 19 3	3,814 3 6½
Lyonville ... ...	376 2 2½	1,268 19 10	1,645 2 0½
Bullarto ... ...	315 18 5½	1,950 1 6½	2,266 0 0
Musk Creek ... ...	146 13 2	741 13 6	888 6 8
Daylesford ... ...	4,930 5 10	2,753 8 1½	7,683 13 11½
Woodburn ... ...	4 12 4½	223 19 9	228 12 1½
Graves' Siding ... ...	...	156 16 10½	156 16 10½
Sailors' Falls ... ...	104 4 8	641 17 8½	746 2 4½
Leonard's Hill ... ...	319 18 3½	1,157 17 9½	1,477 16 1
Wombat ... ...	74 19 6½	389 10 11	464 10 5½
Rocky Lead ... ...	250 1 5½	234 12 0½	484 13 6
Newlyn ... ...	426 10 8½	3,179 19 3½	3,606 10 0
Kingston ... ...	463 13 9½	2,480 11 0½	2,944 4 10
Allendale ... ...	2,130 0 5	2,520 7 7½	4,650 8 0½
Broomfield ... ...	250 6 11	9 17 11½	260 4 10½
De Graves ... ...	6 3 5½	1 8 8	7 12 1½
Edgecombe ... ...	7 15 2	51 0 0	58 15 2
Green Hill ... ...	19 5 4	4 1 5	23 6 9
East Metcalfe ... ...	20 12 1	14 4 0	34 16 1
Emberton ... ...	8 5 1½	11 0 1½	19 5 3
Barfold ... ...	59 12 11½	45 13 6½	105 6 6



VICTORIAN RAILWAYS.—No. 13.—Statement showing the Traffic at each Station, &c.—*continued.*

STATIONS.	STATION TRAFFIC, being Moity of Outwards and Inwards Revenue from—		
	Passengers, Parcels, &c.	Goods and Live Stock,	Totals.
Boort	£ s. d.	£ s. d.	£ s. d.
*Quambatook	1,625 19 4	7,290 7 5	8,916 6 9
Sydney Flat	2 16 10	1,556 7 7	1,559 4 5
Myer's Flat	41 6 6½	...	41 6 6½
Sebastian	14 14 11	...	14 14 11
Raywood	276 9 7	250 3 4½	526 12 11½
Tandara	464 9 0½	1,363 10 8½	1,827 19 9
Dingeé	267 6 7½	851 9 11	1,118 16 6½
Prairie	264 14 4	942 18 3	1,285 11 9
Mitiamo	978 15 5½	1,983 9 8	2,962 5 1½
Mologa	223 0 6	722 0 4	945 0 10
Pyramid Hill	1,173 16 8	3,211 3 7	4,385 0 3
Mincha	186 8 5½	658 0 6	844 8 11½
Macorna	543 11 8½	1,835 11 6	2,379 3 2½
Tragowel	172 10 3	283 10 3½	456 0 6½
South Kerang	33 1 4½	34 9 2	67 10 6½
Kerang	3,679 8 6½	5,375 4 6½	9,054 13 1
Reedy Lake	34 9 7½	176 9 2	210 18 9½
Lake Charm	227 7 7½	1,106 17 4½	1,334 5 0
Mystic Park	239 6 5½	634 10 7	873 17 0½
Lake Boga	392 1 11½	1,428 5 4½	1,820 7 4
Swan Hill	4,376 2 5	5,732 11 8	10,108 14 1
Strathfieldsaye	5 12 7½	1 7 8½	7 0 4
Axe Creek	27 4 4½	52 13 8	79 18 0½
Axendale	343 2 2	689 12 1	1,032 14 3
Knowsley	322 15 10½	3,115 1 7	3,437 17 5½
Derrinal	64 15 7	1,129 14 7	1,194 10 2
Heathcote	1,254 18 4	1,804 16 6½	3,059 14 10½
South Heathcote	236 5 1	1,129 10 9½	1,365 15 10½
Ingham's Siding	...	39 6 5	39 6 5
McIvor Road	2 13 8	...	2 13 8
Tooborac	275 1 10	720 10 9	995 12 7
Pyalong	136 14 11	145 6 4½	282 1 3½
High Camp Plain	192 0 1	592 6 1½	784 6 2½
Moranding	17 2 6½	29 14 5½	46 17 0
Willowmavin	17 12 9	13 2 5	30 15 2
Kilmore	1,319 11 1	842 16 11½	2,162 8 0½
Bylands	41 12 10½	38 4 0	79 16 10½
Leslie	17 17 4	102 9 1	120 6 5
Koyuga	60 10 8½	347 8 8	407 19 4½
Tongala	386 0 3	1,113 11 5½	1,499 11 8½
Kyabram	1,120 19 7½	2,492 18 0½	3,613 17 8
Merrigum	264 6 10½	1,052 19 7½	1,317 6 6
Baldwinspace	215 2 10½	1,186 10 3½	1,401 13 2
Tatura	1,197 4 11½	3,441 16 8	4,639 1 7½
Hatherly	5 17 11½	...	5 17 11½
Laverton	315 11 7	133 9 8	449 1 3
Werribee	1,731 19 8	1,307 7 1½	3,039 6 9½
Little River	395 0 12	266 15 7½	661 15 9
Lara	449 3 6	1,396 19 7	1,846 3 1
Cowie's Creek	73 18 7½	...	73 18 7½
North Geelong	248 18 11	1,532 1 8½	1,781 0 7½
Geelong	24,868 19 7	59,192 5 10½	84,061 5 5½
Geelong Show-gounds	24 11 8½	...	24 11 8½
Geelong Race-course	199 9 5	...	199 9 5
Moorabool	165 9 0½	26 10 7	191 19 7½
Gheringhap	119 0 5½	101 12 11½	220 13 5
Leigh Road	916 9 0½	585 6 0½	1,501 15 1
Lethbridge	381 7 11	353 0 11½	734 8 10½
Meredith	2,212 3 4½	1,828 13 8	4,040 17 0½
Elaine	580 0 5½	538 13 8	1,118 14 1½
Lal Lal Race-course	334 5 0	...	334 5 0
Lal Lal	413 17 7	520 7 0	934 4 7
Yendon	306 13 11½	206 19 7½	513 13 7
Navigators	38 3 8	...	38 3 8
Warrenheip	331 4 7	334 14 5	665 19 0
Ballarat East	3,066 17 4	6,128 15 4	9,195 12 8
Ballarat	54,133 19 2½	38,277 15 5	92,411 14 7½
Ballarat Race-course	143 6 6	...	143 6 6
Dowling Forest	37 3 6	...	37 3 6
Windermere	218 18 3	112 4 9½	331 3 0½
Burrumbet	338 17 10½	435 13 10	774 11 8½
Trawalla	233 12 4	292 12 9	526 5 1
Beaufort	1,717 14 6	2,477 4 2	4,194 18 8
Middle Creek	189 6 2½	238 3 3½	427 9 6
Buangor	373 16 10½	791 18 6½	1,165 15 5
Dobies	114 19 0	85 7 5½	200 6 5½
Ararat	7,514 19 2	5,167 19 6½	12,682 18 8½
Armstrongs	33 0 9	...	33 0 9
Great Western	193 9 3½	164 18 5½	358 7 9
Stawell	455 17 9½	638 7 0½	1,094 4 10
Grampians	6,771 17 0	8,624 17 8	15,396 14 8
Deep Lead	147 18 9	76 5 4½	224 4 1½
Glenorchy	505 7 7	731 14 6½	1,237 2 1½
Wal Wal	82 1 0½	143 17 9	225 18 9½

## VICTORIAN RAILWAYS.—No. 13.—Statement showing the Traffic at each Station, &amp;c.—continued.

STATIONS.	STATION TRAFFIC, being Moiety of Outwards and Inwards Revenue from—					
	Passengers, Parcels, &c.			Goods and Live Stock.		
Lubeck	465	0	3½	836	9	6½
Hopefield	4	12	11½	...	4	12
Murtoa	3,929	12	9½	4,152	3	3
Jung Jung	555	8	1	2,839	10	8½
Dooen	286	17	10	1,070	5	4
Horsham	6,267	6	5	7,644	14	1½
Pimpinio	219	4	8	945	11	5
Wail	144	9	11½	968	19	7
Dimboola	2,971	8	0½	8,369	19	0½
Gerang Gerung	166	19	11½	1,649	6	0
Kiaata	239	13	1½	1,027	15	8
Salisbury	129	1	8	2,479	11	2
Nhill	2,701	7	8½	9,636	1	5
Tarranginnie	101	12	11½	517	0	0
Diapur	236	13	8½	2,902	8	11½
Miram Piram	176	6	5	1,352	18	2½
Kaniva	718	7	0	1,787	3	0½
Lillimur	246	12	0	856	1	3
Leeor	13	10	11	...	...	...
Serviceton	2,785	4	1½	359	5	9
South Kensington	259	4	2	682	19	9
Footscray (Suburban)	8,133	2	2½	...	...	...
Yarraville	4,933	9	5	4,922	5	0
Spottiswoode	1,227	10	11	1,930	11	10½
Newport	4,247	15	10½	5,952	7	5
North Williamstown	2,975	0	11	705	10	8
Beach	1,864	7	3	...	...	...
Williamstown	6,092	2	9	...	...	...
Williamstown Pier	1,362	4	11½	30,524	8	0½
Williamstown Race-course	859	9	4½	...	...	...
Brooklyn	...	...	...	50	17	10½
Deer Park	191	2	0	235	2	8½
Rockbank	169	4	1½	86	18	11½
Melton	729	14	3½	552	19	6
Staughton's Siding	...	...	...	137	12	4½
Parwan	247	8	7½	70	10	42
Bacchus Marsh	2,789	11	10½	1,599	8	0
Rowsley	83	6	10	24	0	11
Ingliston	161	17	10½	50	2	7½
Ballan	1,426	1	0	1,792	6	11½
Bradshaw's Creek	56	1	1	2	4	0½
Gordons	1,210	7	1	633	14	10½
Millbrook	232	10	7	435	14	0½
Wallace	449	13	8½	1,290	12	0½
Bungaree Junction	389	13	3	1,078	9	11
Dunnstown	289	0	9	758	19	11½
South Geelong	798	15	0	1,037	9	8½
Moolap	34	19	2½	...	...	...
Leopold	75	2	7½	...	...	...
Scarborough	10	4	7	...	...	...
Drysdale	642	1	5½	835	4	4
Mannerim	36	11	10½	...	...	...
Ocean Grove	81	14	9	...	...	...
Queenscliff	2,758	8	7	825	10	1
Breakwater	59	14	4	23	16	6
Connewarre	57	18	6	60	2	8½
Germanstown	98	19	3	4	11	3
Pettavel	114	8	1½	155	3	11½
Mount Moriac	276	0	4	153	15	11
Buckley's Road	126	14	9	118	7	4½
Winchelsea	900	12	6½	946	12	6
Birregurra	1,248	18	9½	718	9	0
Warncoort	148	6	10	96	5	1½
Irrewarre	292	2	11	429	5	8
Colac	3,913	9	10	3,444	14	8½
Larpent	119	13	11½	1,793	15	6½
Pirrou Yallock	324	12	2	1,042	5	10
Stoneyford	133	11	5½	174	1	0
Pomborneit	125	0	0	234	3	10
Weerite	102	13	1	540	17	0
Campedown	3,561	14	8½	3,879	3	4
Boorcan	121	3	9½	747	17	6
Terang	2,156	13	3	2,752	15	2½
Garvoc	241	2	6½	125	13	3
Panmure	249	8	9	301	5	10½
Cudgee	104	19	5½	39	1	0½
Allansford	353	8	0½	383	0	10½
Warrnambool	9,210	16	7½	6,684	1	10
Dennington	68	10	4	81	9	8½
Illowa	252	13	2	872	17	1½
Koroit	1,434	14	4	2,781	4	4
Crossley	49	9	6	1	13	8
Kirkstall	48	8	2½	18	8	0½
Rosebrook	32	7	2½	10	5	7½
Moyne	5	11	6	...	...	...



## VICTORIAN RAILWAYS.—No. 13.—Statement showing the Traffic at each Station, &amp;c.—continued.

STATIONS.	STATION TRAFFIC, being Moiety of Outward and Inwards Revenue from—		
	Passengers, Parcels, &c.	Goods and Live Stock.	Totals.
Kensington	£ s. d.	£ s. d.	£ s. d.
Newmarket	2,784 17 10½	8,006 9 4½	10,791 7 3
Ascot Vale	4,565 14 5	59,321 7 0	63,887 1 5
Moonee Ponds	5,947 19 10½	...	5,947 19 10½
Essendon	4,659 16 6½	...	4,659 16 6½
North Essendon	4,604 14 11	1,450 18 11	6,055 13 10
Pascoe Vale	97 12 6	...	97 12 6
Glenroy	288 9 10½	...	288 9 10½
Broadmeadows	423 19 10	55 16 4½	479 16 2½
Somertou	419 3 10	39 19 11½	459 3 9½
Craigieburn	195 2 7	57 4 8½	252 7 3½
Donnybrook	298 0 9½	208 2 4	506 3 1½
Beveridge	513 4 32	221 9 8	734 13 11½
Wallan	193 0 9	49 2 5	242 3 2
Kilmore Junction	778 16 7½	585 10 5	1,364 7 0½
Wandong	136 13 10½	...	136 13 10½
Matheson's Siding	426 9 4	2,425 1 3½	2,851 10 7½
Kilmore East	...	0 10 0	0 10 0
Broadford	1,452 10 8½	212 17 2½	1,665 7 11
McDougall's Siding	1,065 19 8	1,996 6 9½	3,062 6 5½
Lowry	...	357 13 6	357 13 6
Tallarook	...	185 10 1½	185 10 1½
School House Lane	1,093 16 11½	761 13 3	1,855 10 2½
Seymour	...	287 11 7	287 11 7
Mangalore	7,006 10 10	2,370 16 9	9,377 7 7
Avenel	814 1 7½	1,170 17 7½	1,984 19 3
Monea	568 16 4½	876 8 11½	1,445 5 4
Burnt Creek	78 7 1	1,363 18 1	1,442 5 2
Longwood	166 13 3½	2,404 2 2	2,570 15 5½
Creighton	572 4 6	3,386 11 7	3,958 16 1
Euroa	73 15 5	2,011 14 7	2,085 10 0
Balmattum	2,053 18 3	3,774 17 9½	5,828 16 0½
Violet Town	82 15 7½	321 16 4	404 11 11½
Baddaginnie	817 10 10½	1,965 0 6	2,782 11 4½
Benalla	198 10 2	420 8 9	618 18 11
Winton	7,100 19 9½	4,542 7 3½	11,643 7 1
Glenrowan	121 8 5½	179 17 6	301 5 11½
Wangaratta	421 1 11	570 7 2½	991 9 1½
Beechworth Junction	6,480 1 8½	6,335 10 6	12,815 12 2½
Springhurst	66 16 9½	18 11 6½	85 8 4
Chiltern	713 14 4½	465 8 10	1,179 3 2½
Barnawartha	1,914 4 2½	3,070 18 11	4,985 3 1½
Wodonga	465 7 9	1,476 13 3	1,942 1 0
East Wodonga	4,070 6 2½	9,311 10 0½	13,381 16 3
Bonegilla	2 15 2½	...	2 15 2½
Bethanga Road	6 16 0½	...	6 16 0½
Huon Lane	218 16 7	1,589 9 4	1,808 5 11
Bolga	258 3 4	1,458 4 6	1,716 7 10
Tatonga	6 15 9½	...	6 15 9½
Tallangatta	...	448 4 7	448 4 7
Macaulay Road	1,361 0 4	4,880 9 0	6,241 9 4
Flemington	580 8 4½	...	580 8 4½
Royal Park	607 13 10	...	607 13 10
South Brunswick	537 2 4½	...	537 2 4½
Brunswick	559 1 4	1,858 5 0½	2,417 6 4½
Moreland	860 15 3½	1,341 15 8½	2,202 11 0
Coburg	339 4 5	5,421 11 9½	5,760 16 2½
Bell Park	1,166 15 4	539 13 6	1,706 8 10
North Coburg	10 8 8½	...	10 8 8½
Fawkner	20 6 11	5 3 4	25 10 3
Campbellfield	16 2 2	...	16 2 2
Campbellfield North	296 2 2½	188 0 10	484 3 0½
North Carlton	14 17 2	...	14 17 2
North Fitzroy	458 3 3	893 8 0½	1,351 11 3½
Fitzroy	1,916 1 0	1,016 12 0½	2,932 13 0½
Collingwood	165 12 8½	4,554 6 10	4,719 19 6½
Clifton Hill	2,381 1 3½	6,912 18 6	9,293 19 9½
Northcote South	509 2 1½	1,142 11 9	1,651 13 10½
Fairfield Park	167 11 9½	...	167 11 9½
Northcote	380 10 0½	92 18 4	473 8 4½
Middle Northcote	350 3 6	...	350 3 6
Croxton	347 2 10	942 5 5½	1,289 8 3½
Thornbury	278 15 11	815 15 0	1,094 10 11
Preston, Bell-street	166 9 10½	...	166 9 10½
Preston, Murray-road	467 17 9	1,353 15 5½	1,821 13 2½
Preston, Regent-street	309 15 6½	...	309 15 6½
Preston Reservoir	566 17 3	...	566 17 3
Thomastown	339 3 2	...	339 3 2
Epping	92 4 9½	29 6 8	121 11 5½
South Morang	228 11 7½	246 0 4½	474 12 0
South Yean Yean	277 1 9	87 12 0	364 13 9
Yan Yean	483 17 8	244 8 8½	728 6 4½
Whittlesea	298 3 10	109 5 6	407 9 4
Traawool	1,005 13 2½	435 17 8½	1,441 10 11
Kerrisdale	152 19 9½	16 9 9½	169 9 7
	78 14 6	6 19 10	85 14 4





VICTORIAN RAILWAYS.—No. 13.—Statement showing the Traffic at each Station, &c.—*continued.*

STATIONS,	STATION TRAFFIC,			
	being Moiety of Outwards and Inwards Revenue from—			
	Passengers, Parcels, &c.		Goods and Live Stock.	Totals.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Buffalo Creek	86 16 2	115 19 9½	202 15 11½	
Boys	27 15 0	5 4 11	32 19 11	
Fish Creek	177 6 2	145 17 5½	323 3 7½	
Hoddle Range	38 18 10	35 1 11	74 0 9	
Foster	770 10 3½	519 6 3	1,289 16 6½	
Franklin River	45 13 8	132 14 2	178 7 10	
Toora	369 2 2	384 10 2½	753 12 4½	
Agnes River	50 0 4	6 6 5½	56 6 9½	
Welshpool	126 6 2	96 13 1	222 19 3	
Mason's	25 8 9½	327 12 4	353 1 1½	
Hedley	93 13 3½	18 0 2	111 13 5½	
Gelliondale	112 19 9	146 11 9½	259 11 6½	
Alberton	878 15 4½	1,308 7 11½	2,187 3 4	
Port Albert	436 11 11½	288 10 11½	725 2 11	
Lillico	4 15 9½	2 7 4	7 3 1½	
Bravington	11 15 1	0 13 8	12 8 9	
Buln Buln	127 14 10½	356 11 7	484 6 5½	
Rokey	70 18 1½	26 5 1	97 3 2½	
Lancaster	67 17 9½	15 15 5	83 13 2½	
Neerim South	646 4 10½	713 5 3½	1,359 10 2	
Coalville	310 5 4	757 12 0	1,067 17 4	
Narracan	196 6 9½	250 18 10½	447 5 8	
Thorpdale	415 6 10½	2,497 17 4½	2,913 4 3	
Hazelwood	16 19 3½	4 1 6½	21 0 10	
Yinnar	219 10 3	754 14 0	974 4 3	
Boolara	246 14 3	415 11 0	662 5 3	
Darlimurla	115 11 5	669 9 8½	785 1 1½	
North Mirboo	600 17 8	1,311 16 8½	1,912 14 4½	
Glengarry	238 14 10	433 2 8	671 17 6	
Toongabbie	702 5 11	1,788 3 11	2,490 9 10	
Cowwarr	363 7 8½	1,081 18 6½	1,445 6 3	
Dawson	61 18 2½	22 19 5	84 17 7½	
Heyfield	554 17 9	755 16 10	1,310 14 7	
Tinamba	447 7 4½	2,151 9 10½	2,598 17 3	
Maffra	1,444 15 8½	2,587 9 0½	4,032 4 9	
Boisdale	38 18 9	3 14 2½	42 12 11½	
Bushy Park	37 5 10½	...	37 5 10½	
Briagolong	189 16 1	279 16 8½	469 16 9½	
Avon River	26 13 10½	189 5 9½	215 19 8	
Glenferrie	8,499 16 0	...	8,499 16 0	
Auburn	8,009 15 6	...	8,009 15 6	
Camberwell	8,587 9 5½	1,458 15 9½	10,046 5 3	
Canterbury	2,617 5 9	222 1 3	2,839 7 0	
Surrey Hills	2,349 3 1	364 13 6½	2,713 16 7½	
Mont Albert	515 18 0½	...	515 18 0½	
Box Hill	2,557 8 11½	380 18 6	2,938 16 7½	
Blackburn	662 17 2½	1,093 19 5½	1,756 16 8	
Tunstall	345 4 3	4 3 11½	349 8 2½	
Mitcham	575 10 6	166 0 7	741 11 1	
Ringwood	836 8 1½	241 19 0½	1,078 7 2	
Croydon	493 3 1½	175 14 2½	668 17 4	
Mooroolbark	229 6 11½	187 6 7	416 13 6½	
Lilydale	2,691 0 1	2,138 6 0	4,829 6 1	
Coldstream	300 2 10½	206 13 4	506 16 2½	
Yering	385 18 11	67 19 8½	453 18 7½	
Yarra Glen	1,032 17 3	629 18 4½	1,662 15 7½	
Tarrawarra	116 10 7½	98 5 10½	214 16 6	
Healesville	2,410 15 8½	807 16 5½	3,218 12 2	
Barker's Road	988 4 9½	...	988 4 9½	
Kew	5,096 17 6½	734 3 1	5,831 0 7½	
Alphington	381 2 1	114 14 1	495 16 2	
Ivanhoe	397 0 4½	9 7 1	406 7 5½	
Heidelberg	1,597 13 3½	271 5 2	1,868 18 5½	
Bayswater	417 5 7	93 3 1	510 8 8	
Lower Fern Tree Gully	285 15 3	82 16 2½	368 11 5½	
Upper Fern Tree Gully	1,647 18 0	105 8 3	1,753 6 3	
Melbourne (Flinders-street)	58,380 14 11	...	58,380 14 11	
Montague	627 12 8½	...	627 12 8½	
Port Melbourne North	1,462 10 4	...	1,462 10 4	
Graham-street	1,356 19 11½	...	1,356 19 11½	
Port Melbourne	8,051 4 7½	21,322 3 11½	29,373 8 7	
South Melbourne	2,982 9 7½	...	2,982 9 7½	
Albert Park	6,523 17 3½	...	6,523 17 3½	
Middle Park	2,170 4 1	...	2,170 4 1	
St. Kilda	6,396 17 4	1,410 3 6	7,807 0 10	
Richmond	11,912 4 5	...	11,912 4 5	
South Yarra	11,185 18 10	...	11,185 18 10	
Prahran	6,144 13 0½	...	6,144 13 0½	
Windsor	7,503 11 8	3,681 6 1½	11,184 17 9½	
Balaclava	5,059 12 8	...	5,059 12 8	
Elsternwick	7,320 0 9	546 0 8	7,866 1 5	
North Brighton	6,151 7 9½	1,096 2 8	7,247 10 5½	
Middle Brighton	5,089 14 1	622 0 1½	5,711 14 2½	
Brighton Beach	4,778 11 3½	...	4,778 11 3½	
Hampton	398 15 11½	...	398 15 11½	

VICTORIAN RAILWAYS.—No. 13.—Statement showing the Traffic at each Station, &c.—*continued.*

STATIONS.	STATION TRAFFIC, being Moiety of Outwards and Inwards Revenue from—								
	Passengers, Parcels, &c.			Goods and Live Stock.			Totals.		
	£	s.	d.	£	s.	d.	£	s.	d.
Sandringham	2,163	3	8½	142	3	11½	2,305	7	8
East Richmond	3,668	7	5	...	...	...	3,668	7	5
Burnley	3,233	17	2½	3,490	18	5½	6,724	15	8
Pic Nic Station	2	10	6	...	...	...	2	10	6
Hawthorn	6,447	15	9	1,093	1	11½	7,540	17	8½
Beaumaris	598	9	5	...	...	...	598	9	5
Doncaster	89	15	1	...	...	...	89	15	1
Sandown Park	806	2	5	...	...	...	806	2	5
Aspendale Park	753	12	11	...	...	...	753	12	11
Cowes	98	18	3	...	...	...	98	18	3
San Remo	81	2	9½	...	...	...	81	2	9½
Steamer <i>Gem</i>	762	3	9½	...	...	...	762	3	9½
Traffic derived from Deniliquin and Moama Stations	2,019	5	3	11,852	6	11	13,871	12	2
Traffic derived from South Australian Stations	17,810	19	0½	1,000	1	6	18,811	0	6½
Traffic derived from New South Wales Stations	22,418	10	3	9,053	13	1½	31,472	3	4½
Traffic derived from Queensland Stations	387	6	7	...	...	...	387	6	7
Totals	1,359,674	15	2	1,366,484	6	2	2,726,159	1	4

\* These stations were open for traffic for only portion of the year.

H. KENT,  
Traffic Auditor.Railway Department, Traffic Audit Office,  
17th September, 1894.

## VICTORIAN RAILWAYS

No. 14.

RETURN OF ROLLING-STOCK IN EXISTENCE AND UNDER CONSTRUCTION AT 30TH JUNE, 1894.

Class Letter	FOUR WHEELS COUPLED.																SIX WHEELS COUPLED.																Grand Total.												
	A	B	C	D	E	F	G	H	J	K	L	M	N	Z	Unclassified.	Total.	E	O	P	Q	R	S	T	U	V	W	X	Y	Z	Unclassified.	Total.														
Totals at 30th June, 1893	25	32	26	22	59	21	2	8	5	5	10	22	5	2	4	248	...	44	5	10	88	10	19	9	3	12	15	31	1	4	251	499													
Totals at 30th June, 1894	25	32	26	22	71	21	2	8	5	5	10	22	5	2	6	262	5	44	5	10	88	10	19	9	3	12	15	31	1	2	254	516													
Under construction	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...															
PASSENGER VEHICLES.																		VANS.																SUNDRIES.											
Class Letter	Carriages.								Cars and Vans combined.								Double Bogie, 2nd Class, and Mail Vans.	Double Bogie Mail Vans.	Mail Vans.	Double Bogie.	Luggage Vans.	Total.	High-sided Covered.	Medium.	Low-sided. (Crates).	Sheep.	Cattle.	Ballast.	Hopper Coal (Iron).	Hopper Coal (Wood).	Powder.	Low-sided Double Bogie.	Medium Double Bogie, Movable sites.	High-sided Covered Double Bogie.	Refrigerators.	Double Bogie Refrigerators.	Meat Trucks.	Non-earning.	Workman's Sleeping Cars.	Weighing Machine Car.	Casualty Vans.	Dynamograph car.	State Carriages.	Travelling Booking-office.	Total.
	AA	—	A	ABAB	AB	Bb	B	ADAD	AD	ABDABD	ABD	BD	BD	BD	BD	Total.	B	E	E	D	D	Total.	H	I	K	L	M	N	O	P	Q	QR	R	S	T	TT	U	Total.							
Totals at 30th June, 1893	262	10	73	34	46	47	40	11	206	241	62	16	2	2	5	2	39	9	1,107	2	3	19	53	240	6	323	626	6028	304	11	232	406	308	172	20	24	27	201	32	17	19	31	72	8530	146
Totals at 30th June, 1894	251 <sup>1</sup>	8 <sup>2</sup>	68	29	49 <sup>3</sup>	48	40	19 <sup>4</sup>	202	238	62	16	2	2	13	2	39	8	1,096	2	3 <sup>5</sup>	17	53 <sup>6</sup>	2367	6 <sup>8</sup>	317	655	6026	304	11	232	406	308	190	2	24	27	201	32	17	19	31	112	8597	157
Under construction	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...											

(1) Includes 1st class "Pioneer" and 12 Corridor cars. (2) Include 6 Joint Stock cars. (3) Includes 12 Joint Stock. (4) Includes 2nd class "Pioneer." (5) Joint Stock. (6) 9 Joint Stock. (7) 7 Booking-offices. (8) 3 Booking-offices. (9) State cars include Ministerial Nos. 1 and 2, Governor's, and Departmental.

Chief Mechanical Engineer's Office,  
Melbourne, 26th August, 1894.T. H. WOODROFFE,  
Chief Mechanical Engineer.

## VICTORIAN RAILWAYS.

## No. 15.

STATEMENT showing the Cost of EACH LINE, TOTAL LENGTH, ETC., with Average Cost per Mile,  
at 30th June, 1894.

Lines.	Length of Lines opened for Traffic.			Height of Rail-level above Low-water Mark.		Steepest Gradient.	Cost, exclusive of Rolling-stock.		
				Highest.	Lowest.				
	Double. Miles.	Single. Miles.	Total. Miles.	Feet.	Feet.		Feet.	£	s.
Miles.	Miles.	Miles.	Foot.	Foot.	Foot.				Average per Mile.
£	s.	d.							£
Melbourne to Bendigo (exclusive of works, Melbourne to Essendon Junction) ... ... ... 100 <sup>3</sup> ... 100 <sup>3</sup> 1,902 18 1 in 50 4,796,082 10 0 47,604									
Bendigo to Echuca (including Bridge over River Murray at Echuca and Bendigo Cattle-yards Branch) ... ... ... 55 <sup>1</sup> 55 <sup>1</sup> 758 314 I „ 52 687,348 8 3 12,441									
Lancefield Junction to Lancefield ... ... ... 14 <sup>1</sup> 14 <sup>1</sup> 1,675 1,072 I „ 40 64,244 0 1 4,431									
Carlsruhe to Daylesford ... ... ... 22 <sup>1</sup> 22 <sup>1</sup> 2,469 1,791 I „ 50 165,209 13 0 7,262									
Castlemaine to Dunolly ... ... ... 47 <sup>1</sup> 47 <sup>1</sup> 948 579 I „ 40 376,246 12 0 7,921									
Dunolly to St. Arnaud ... ... ... 33 33 943 611 I „ 50 162,675 13 5 4,930									
St. Arnaud to Donald ... ... ... 23 <sup>1</sup> 23 <sup>1</sup> 868 374 I „ 50 97,235 8 2 4,094									
Castlemaine (Maldon Junction) to Maldon ... ... ... 10 <sup>1</sup> 10 <sup>1</sup> 1,177 890 I „ 40 61,475 8 4 5,998									
Ballarat to Maryborough ... ... ... 42 <sup>1</sup> 42 <sup>1</sup> 1,525 732 I „ 40 275,481 9 5 6,482									
Waubra Junction to Ballarat Race-course ... ... ... 2 2 1,508 1,466 I „ 50 7,404 18 0 3,703									
Maryborough to Avoca ... ... ... 15 15 885 721 I „ 40 62,280 0 0 4,152									
Bendigo to Inglewood ... ... ... 30 30 779 443 I „ 43 163,577 1 6 5,453									
Inglewood to Charlton ... ... ... 42 <sup>1</sup> 42 <sup>1</sup> 639 422 I „ 50 172,658 7 6 4,039									
Charlton to Wycheeproof ... ... ... 16 <sup>2</sup> 16 <sup>2</sup> 521 356 I „ 50 86,599 16 3 5,248									
Korong Vale to Boort ... ... ... 18 18 459 296 I „ 50 73,449 3 6 4,081									
Eaglehawk to Kerang ... ... ... 73 <sup>1</sup> 73 <sup>1</sup> 742 255 I „ 43 295,379 8 1 4,005									
Toolamba to Tatura ... ... ... 7 7 385 371 I „ 108 28,141 10 11 4,020									
Lancefield to Kilmore ... ... ... 18 <sup>1</sup> 18 <sup>1</sup> 1,734 1,160 I „ 40 120,830 6 5 6,531									
Kilmore Junction to Bendigo (Cattle Siding) ... ... ... 68 68 1,450 526 I „ 50 389,520 12 6 5,728									
Kyneton (Redesdale Junction) to Redesdale ... ... ... 16 16 1,636 973 I „ 50 90,859 19 8 5,679									
North Creswick to Daylesford (Junction) ... ... ... 23 <sup>1</sup> 23 <sup>1</sup> 2,292 1,429 I „ 40 172,064 7 3 7,322									
Maldon (Laaeecoorie Junction) to Shelburne ... ... ... 9 <sup>1</sup> 9 <sup>1</sup> 1,126 649 I „ 50 70,127 9 9 7,193									
Inglewood to Dunolly ... ... ... 24 <sup>1</sup> 24 <sup>1</sup> 794 457 I „ 50 95,797 9 6 3,871									
Wedderburn Junction to Wedderburn ... ... ... 4 <sup>1</sup> 4 <sup>1</sup> 660 554 I „ 50 18,068 5 10 3,804									
Kerang to Swan Hill ... ... ... 35 35 286 225 I „ 100 158,256 11 5 4,522									
Tatura to Echuca ... ... ... 34 <sup>1</sup> 34 <sup>1</sup> 377 320 I „ 122 154,789 2 1 4,454									
Ballarat Race-course to Waubra ... ... ... 13 <sup>2</sup> 13 <sup>2</sup> 1,533 1,341 I „ 60 71,085 6 11 5,170									
Donald to Birchip ... ... ... 32 <sup>1</sup> 32 <sup>1</sup> 394 330 I „ 100 69,142 10 7 2,127									
Boort to Quambatook ... ... ... ... ... ... ... 31,523 5 10 In progress.									
Wycheeproof to Lake Tyrrell ... ... ... ... ... ... ... 2,769 4 8 "									
Footscray to Williamstown (and Piers) ... ... ... 6 ... 66 8 I in 100 494,461 0 6 82,410									
Newport to Geelong (including Williamstown Race- course Branch) ... ... ... 1 <sup>1</sup> 37 <sup>2</sup> 39 <sup>1</sup> 113 I „ 81 1,175,257 18 1 29,753									
North Geelong to Ballarat ... ... ... 53 <sup>1</sup> ... 53 <sup>1</sup> 1,725 47 I „ 52 1,894,078 2 2 35,403									
Geelong (Queenscliff Junction) to Queenscliff ... ... ... 20 <sup>1</sup> 20 <sup>1</sup> 264 10 I „ 50 112,048 2 2 5,400									
Geelong to Colac (including Geelong Race-course Branch) ... ... ... 52 <sup>1</sup> 52 <sup>1</sup> 469 10 I „ 50 326,067 2 9 6,211									
Colac to Camperdown ... ... ... 28 28 569 405 I „ 50 127,018 13 3 4,536									
Warrenheip to Gordons ... ... ... 13 13 1,940 1,707 I „ 50 115,861 18 5 8,912									
Ballarat to Ararat ... ... ... 3 54 57 1,517 960 I „ 44 401,943 13 5 7,052									
Ararat to Stawell ... ... ... 18 <sup>1</sup> 18 <sup>1</sup> 1,086 761 I „ 50 147,774 9 0 7,881									
Stawell to Horsham (including cost of line to quarries) ... ... ... 54 54 761 423 I „ 50 316,357 15 1 5,858									
Horsham to Dimboola ... ... ... 21 <sup>1</sup> 21 <sup>1</sup> 477 361 I „ 50 92,980 3 7 4,376									
Ballarat (Searsdale Junction) to Searsdale ... ... ... 13 <sup>2</sup> 13 <sup>2</sup> 1,516 1,157 I „ 50 59,897 9 2 4,520									
Ararat to Hamilton ... ... ... 66 <sup>1</sup> 66 <sup>1</sup> 1,028 572 I „ 50 319,457 1 0 4,804									
Hamilton to Portland ... ... ... 54 54 606 11 I „ 40 282,143 11 9 5,225									
Branxholme to Casterton ... ... ... 32 32 572 149 I „ 40 176,671 8 4 5,521									
Braybrook Junction to Parwan ... ... ... 21 <sup>1</sup> 21 <sup>1</sup> 466 119 I „ 50 254,163 13 2 11,686									
Braybrook Junction to Newport ... ... ... 4 <sup>1</sup> 4 <sup>1</sup> 110 48 I „ 92 27,391 16 3 5,767									
Lal Lal Race-course Branch ... ... ... 2 2 1,539 1,532 I „ 112 11,489 15 0 5,745									
Parwan to Gordons ... ... ... 27 <sup>1</sup> 27 <sup>1</sup> 1,877 341 I „ 48 339,504 0 6 12,346									
Ballarat East to Buninyong ... ... ... 7 <sup>1</sup> 7 <sup>1</sup> 1,626 1,436 I „ 40 64,862 13 6 8,048									
Ballarat Cattle-yards Branch ... ... ... 3 3 1,523 1,446 I „ 60 12,896 9 9 4,299									
Scarsdale to Liuton ... ... ... 8 8 1,189 1,022 I „ 40 77,580 10 10 9,698									
Avoca to Ararat ... ... ... 39 <sup>1</sup> 39 <sup>1</sup> 1,215 763 I „ 50 174,031 18 0 4,406									
Lubeck to Rupanyup ... ... ... 9 <sup>1</sup> 9 <sup>1</sup> 487 455 I „ 147 45,193 4 3 4,757									
Murtoa to Warracknabeal ... ... ... 31 <sup>1</sup> 31 <sup>1</sup> 464 360 I „ 66 144,076 9 5 4,610									
Horsham to Noradjuha ... ... ... 20 <sup>1</sup> 20 <sup>1</sup> 488 395 I „ 50 80,557 6 3 3,978									
Dimboola to Serviceton (cost includes 1 <sup>1</sup> <sub>2</sub> miles con- structed beyond Serviceton) ... ... ... 62 62 631 315 I „ 50 377,158 1 9 6,083									
Mount Moriac to Wensleydale ... ... ... 11 <sup>1</sup> 11 <sup>1</sup> 752 361 I „ 50 39,743 0 1 3,533									
Birregurra to Forrest ... ... ... 19 <sup>1</sup> 19 <sup>1</sup> 579 363 I „ 40 147,764 13 10 7,482									
Irrerwarraa to Becae ... ... ... 8 <sup>1</sup> 8 <sup>1</sup> 432 390 I „ 66 47,219 6 1 5,396									
Camperdown to Warrnambool ... ... ... 42 <sup>1</sup> 42 <sup>1</sup> 550 13 I „ 50 348,576 6 11 8,202									
Camperdown (Curdie's River Junction) to Timboon ... ... ... 22 <sup>1</sup> 22 <sup>1</sup> 673 52 I „ 40 112,095 3 5 5,038									
Terang to Mortlake ... ... ... 13 13 447 414 I „ 60 55,451 10 1 4,266									
Koroit to Warrnambool ... ... ... 9 <sup>1</sup> 9 <sup>1</sup> 245 19 I „ 50 82,146 17 0 8,647									
Koroit to Port Fairy ... ... ... 11 <sup>1</sup> 11 <sup>1</sup> 208 11 I „ 60 92,147 17 6 8,191									
Dunkeld to Koroit ... ... ... 49 <sup>1</sup> 49 <sup>1</sup> 834 207 I „ 60 177,997 1 11 3,612									
Hamilton to Penshurst ... ... ... 19 19 727 590 I „ 60 77,681 14 7 4,088									
Hamilton (Coleraine Junction) to Coleraine ... ... ... 23 23 668 301 I „ 40 110,188 13 7 4,791									
Warracknabeal to Beulah ... ... ... 22 22 359 288 I „ 80 49,824 5 6 2,265									
Beulah to Hopetoun ... ... ... 16 16 290 258 I „ 100 22,096 6 3 1,581									
Dimboola to Jeparit ... ... ... 23 23 387 268 I „ 75 34,718 14 6 1,510									
Natinuk to Goroke ... ... ... ... ... ... ... 49,608 16 11 In progress.									
Carried forward ... ... ... ... ... ... ... 18,118,418 17 2 ...									





## VICTORIAN RAILWAYS.—Act 1135, SECTION 58.

## No. 17.

## STATEMENT OF APPOINTMENTS OF EMPLOYEES.

## QUARTER ENDING 30th SEPTEMBER, 1893.

Name in Full.	Date of Birth.	Branch.	Position.	Date of Entry.	By-law.	Salary or Wages.
Arnott, George * ...	... 29.12.33	Existing Lines	Ganger ...	21.10.63	...	10s. per day
Bickham, Martha Ann	... 21.12.55	" "	Gatekeeper	9.9.93	70	4s. "
Broadbent, Elizabeth	... 4.4.60	" "	"	22.9.93	70	4s. "
Caleutt, Richard Fallon*	... 7.2.72	" "	Draughtsman	1.9.87	...	7s. "
Davis, Eliza	... 12.43	" "	Office-cleaner	15.7.93	70	4s. "
Howes, Elizabeth	... 30.10.65	" "	"	11.9.93	70	20s. per week
Luff, George	... 8.10.54	" "	Gatekeeper	4.8.93	70	4s per day

\* Transferred from Board of Land and Works 17th July, 1893.

## QUARTER ENDING 31st DECEMBER, 1893.

Holmes, Thomas Henry *	... 14.1.73	Traffic	Clerk	15.1.89	...	£65 per annum
Locke, Maggie	... 20.2.72	Existing Lines	Gatekeeper	21.10.93	70	4s. per day
Marston, Ellen Jane	... 10.5.63	" "	Office-cleaner	3.11.93	70	3s 4d. "
Reid, Selina	... 17.6.68	Traffic	Ladies' Waiting-room Attendant	1.11.93	70	4s. "
Roberts, George †	... 8.8.62	Existing Lines	Draughtsman	1.1.90	...	15s. 6d. "

## REINSTATEMENT.

Tuckett, Ambrose ‡	... ...	Locomotive	Fireman	22.1.87	...	10s. per day
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\* Transferred from Board of Land and Works 1st December, 1893.      † Transferred from Board of Land and Works 12th October, 1893.

‡ Dispensed with 18th April, 1893; reinstated 4th October, 1893.

## QUARTER ENDING 31st MARCH, 1894.

Feighrey, Margaret	... ...	26.12.69	Existing Lines	Gatekeeper	... 20.3.94	70	4s. per day
Gregory, Mary Jane	... ...	20.3.64	" "	"	23.1.94	70	4s. "
Helfenstein, Louis *	... ...	14.2.66	" "	Draughtsman	23.7.83	...	£147 10s. per annum

\* Transferred from Board of Land and Works 31st January, 1894.

## QUARTER ENDING 30th JUNE, 1894.

O'Dea, Bridget	... ...	—.9.51	Existing Lines	Gatekeeper	... 17.4.94	70	4s. per day
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ROBERT GEO. KENT,  
Secretary for Railways.

## VICTORIAN RAILWAYS.—ACT 1135, SECTION 58.

No. 18.

## STATEMENT OF REMOVALS OF EMPLOYÉS.

QUARTER ENDING 30th SEPTEMBER, 1893.

Name in Full.	Approximate Date of Entry.		Date of Leaving.	Branch.	Rank, Grade, or Position.	Salary or Wages.	Remarks.
	—	Act 767.					
Anderson, Robert ...	4.2.80	...	25.7.93	Accountant's	Clerk ...	£145 per ann.	Deceased
Ashfield, Samuel James ...	...	14.8.88	5.9.93	Locomotive ...	Cleaner ...	6s. 6d. per day	Resigned
Baeck, Joseph ...	8.8.79	...	24.7.93	Traffic ...	Carriage-cleaner	7s. " "	Dismissed
Balaam, Benjamin ...	18.4.63	...	15.8.93	Existing Lines	Inspector ...	£320 per ann.	Retired
Balderson, William ...	...	14.6.87	10.8.93	" ...	Repairer ...	6s. 6d. per day	Resigned
Beath, Malcolm ...	...	14.1.89	27.8.93	Traffic ...	Labourer ...	6s. 6d. "	
Bickham, William ...	1.4.83	...	9.9.93	Existing Lines	Gatekeeper ...	48. 6d. "	Deceased
Black, William ...	24.7.71	...	28.7.93	" ...	Clerk and Draughtsman	£400 per ann.	Retired
Bowen, Frederick Henry ...	5.11.83	...	4.7.93	Traffic ...	Guard ...	8s. 6d. per day	Dismissed
Bradish, William ...	...	8.2.86	16.8.93	" ...	Porter ...	7s. " "	Resigned
Bradley, Richard ...	...	5.9.89	21.8.93	Locomotive ...	Machinist ...	7s. 6d. "	
Brennan, Thomas ...	28.8.77	...	8.8.93	Existing Lines	Gatekeeper ...	5s. " "	Retired
Brisbane, John ...	14.5.77	...	12.7.93	" ...	Repairer ...	7s. " "	
Broadbent, William ...	26.1.78	...	30.7.93	" ...	Ganger ...	9s. 6d. "	Deceased
Brown, Hector ...	—.51	...	10.7.93	" ...	Repairer ...	7s. " "	Retired
Brush, Francis Samuel ...	...	15.5.89	31.8.93	" ...	Draughtsman ...	12s. 6d. "	Dispensed with
Bruton, John Francis Augustine	22.9.78	...	18.8.93	Locomotive ...	Fitter ...	10s. 6d. "	Retired
Burgess, Henry ...	20.8.83	...	14.8.93	Traffic ...	Signalman ...	8s. " "	Resigned
Burke, Phillip James ...	...	24.7.90	3.8.93	" ...	Porter ...	5s. 6d. "	Dismissed
Burrowes, Archibald ...	21.5.83	...	30.9.93	" ...	Signalman ...	10s. " "	Retired
Busst, Thomas Walter ...	18.10.82	...	28.8.93	Locomotive ...	Fitter ...	10s. " "	
Callendar, William ...	14.9.72	...	31.8.93	" ...	Fireman ...	10s. " "	Retired
Cameron, John Anderson ...	7.10.81	...	14.7.93	Traffic ...	Receiving Porter	8s. " "	Retired
Campbell, John ...	28.5.77	...	12.7.93	Existing Lines	Gatekeeper ...	5s. " "	
Catterson, Joseph ...	...	18.11.84	31.7.93	Traffic ...	Porter ...	7s. " "	Retired
Chandler, Frederick Henry ...	...	4.8.90	30.9.93	" ...	" ...	5s. 6d. "	
Chessell, William ...	3.6.74	...	23.9.93	Existing Lines	Carpenter ...	11s. " "	Retired
Christie, William ...	19.9.82	...	22.8.93	Traffic ...	Station-master ...	7s. 6d. "	Dismissed
Clancey, Thomas ...	3.5.83	...	1.9.93	Existing Lines	Carpenter ...	11s. " "	
Clark, George Fredk. ...	12.12.61	...	31.8.93	Traffic ...	Station-master ...	£250 per ann.	Retired
Coleman, Sarah ...	...	2.11.91	23.8.93	Existing Lines	Gatekeeper ...	4s. per day	Resigned
Connelly, Michael ...	1.7.74	...	12.7.93	" ...	" ...	5s. " "	Retired
Connor, Thomas ...	...	3.6.89	30.9.93	Traffic ...	Labourer ...	7s. " "	Resigned
Cooper, Walter ...	...	28.7.90	'1.8.93	" ...	Number Taker	5s. 6d. "	Dismissed
Critchley, George ...	2.8.82	...	31.8.93	" ...	Receiving Porter	7s. 6d. "	Retired
Croughan, Christopher ...	—.6.77	...	4.9.93	Existing Lines	Ganger ...	9s. " "	To Board of Land & Works
Crowe, Thomas ...	13.10.83	...	3.8.93	Traffic ...	Porter ...	7s. " "	Dismissed
Crozier, Charles ...	...	13.5.89	22.8.93	Locomotive ...	Cleaner ...	6s. 6d. "	Resigned
Davey, William Henry ...	15.9.62	...	5.9.93	" ...	Driver ...	15s. " "	Retired
Davies, Abraham ...	19.2.73	...	30.9.93	Traffic ...	Tally Porter ...	8s. " "	
Davies, David ...	14.9.81	...	30.9.93	" ...	Point Cleaner ...	7s. " "	
Davies, John ...	13.2.79	...	31.8.93	Accountant's	Clerk ...	£205 per ann.	Retired
Davies, Thomas ...	24.6.76	...	31.8.93	Traffic ...	Station-master ...	£150 " "	
Davis, Henry ...	5.4.80	...	15.7.93	Existing Lines	Repairer ...	7s. per day	Killed
Davoren, Michael ...	5.4.82	...	25.9.93	" ...	Gatekeeper ...	6s. " "	Retired
Daws, Michael ...	10.11.82	...	19.8.93	Locomotive ...	Blocker ...	8s. " "	Deceased
DeMortou, Joseph Anthony ...	27.9.62	...	31.7.93	Traffic ...	Station-master ...	£150 per ann.	Retired
Dewar, Agnes ...	...	28.9.89	20.7.93	Existing Lines	Gatekeeper ...	4s. per day	Dismissed
Dickson, James ...	1.12.80	...	30.9.93	Traffic ...	Station-master ...	8s. " "	Retired
Donnellan, Patrick ...	...	1.8.90	31.7.93	" ...	Labourer ...	6s. " "	Retired
Donoghue, Mary ...	30.10.83	...	20.7.93	Existing Lines	Gatekeeper ...	4s. " "	Dismissed
Doughan, Thomas ...	—.1.74	...	20.9.93	" ...	" ...	4s. " "	
Douglas, Alexander ...	14.7.81	...	28.9.93	Traffic ...	Guard ...	9s. " "	Deceased
Drummond, William ...	...	19.5.88	14.9.93	" ...	Number-taker	5s. 6d. "	Dismissed
Engeler, Ernest ...	...	2.6.86	14.8.93	Locomotive ...	Fireman ...	10s. " "	Retired
Evans, John ...	1.6.81	...	24.7.93	Traffic ...	Tally Porter ...	7s. 6d. "	Deceased
Fairchild, John Herbert Sanderson ...	...	8.8.85	7.7.93	" ...	Clerk ...	£97 10s. per ann.	Dismissed
Fawcett, William ...	—.2.80	...	5.7.93	" ...	Shunter ...	7s. 6d. per day	"
Fern, William Eugene ...	12.2.84	...	26.8.93	Locomotive ...	Fireman ...	10s. " "	
Fitzgerald, Jeremiah ...	1.11.65	...	4.8.93	Existing Lines	Repairer ...	7s. " "	Retired
Flatley, Charles ...	24.2.74	...	31.8.93	" ...	Carpenter ...	10s. " "	
Francis, George ...	...	4.11.83	3.8.93	Traffic ...	Shed Porter ...	7s. 6d. "	Deceased
Fraser Alexander ...	...	1.9.90	2.8.93	Locomotive ...	Striker ...	7s. " "	Dismissed
Fraser, Robert ...	25.4.63	...	31.7.93	Traffic ...	Station-master ...	8s. " "	Retired
Gallagher, Lambert John ...	...	22.12.88	19.8.93	" ...	Shunter ...	6s. 6d. "	Retired
Gibney, James Francis ...	...	4.8.90	12.7.93	" ...	Porter ...	5s. 6d. "	Resigned
Gill, Job ...	1.3.60	...	25.9.93	Locomotive ...	Shop Foreman	£380 per ann.	Retired
Gillard, Robert Dyer ...	17.8.72	...	31.7.93	Traffic ...	Tally Porter ...	8s. per day	"
Goudie, Fanny Elizabeth ...	...	1.4.91	11.9.93	Existing Lines	Gatekeeper ...	4s. " "	Resigned
Greenwell, John ...	1.4.81	...	13.9.93	Locomotive ...	Fireman ...	10s. " "	Retired







## REMOVALS of Employés—DECEMBER QUARTER—continued.

Name in Full.	Approximate Date of Entry.		Date of Leaving.	Branch.	Rank, Grade or Position.	Salary or Wages.	Remarks.
	—	Act 767.					
Pickup, George ...	24.7.65	...	18.12.93	Locomotive...	Boltmaker ...	14s. per day	Retired
Reed, Henry ...	15.7.79	...	31.12.93	Existing Lines	Carpenter ...	10s. "	"
Reynolds, George Jno. Edward	1.7.78	...	6.12.93	Traffic ...	Carriage-cleaner	7s. "	"
Robertson, Joseph	...	12.2.89	3.11.93	,,	Shunter ...	6s. 6d. "	To Police Department
Robinson, Walter	20.9.80	...	2.10.93	Locomotive...	Painter ...	10s. 6d. per day	Retired
Rogers, John ...	...	2.2.87	8.12.93	,,	Cleaner ...	6s. 6d. "	To Penal Department
Ryan, John ...	10.4.83	...	5.10.93	Existing Lines	Repairer ...	6s. 6d. "	Dismissed
Ryan, Patrick ...	16.11.81	...	12.12.93	,,	Foreman Moulder	£260 per ann.	Retired
Sandry, William Thos.	12.4.77	...	16.12.93	Locomotive...	Ganger ...	9s. per day	Deceased
Scott, John ...	2.1.74	...	11.11.93	Existing Lines	Fireman ...	9s. "	Dismissed
Sellick, Henry ...	11.2.80	...	5.10.93	Locomotive...	Labourer ...	7s. "	Deceased
Sharp, James Richard	...	17.7.84	13.12.93	,,	Painter ...	10s. "	Retired
Sharpe, John ...	17.4.77	...	21.12.93	,,	Labourer ...	6s. 6d. "	"
Shields, William ...	1.5.79	...	29.12.93	,,	Clerk ...	£250 per ann.	Resigned
Smith, Sydney ...	1.3.63	...	30.11.93	Traffic ...	Repairer ...	6s. 6d. per day	Retired
Smye, Henry Joseph	...	3.10.88	3.11.93	Existing Lines	Gatekeeper ...	4s. 6d. "	Retired
Snedden, William ...	1.5.77	...	31.12.93	Traffic ...	Station-master	8s. "	Dismissed
Starkey, John ...	23.12.74	...	22.10.93	Locomotive...	Out-door Inspector	18s. "	Retired
Steel, Rudolph Johann Friedrich	4.7.62	...	30.11.93	,,	Driver ...	15s. "	"
Stephens, George ...	8.10.62	...	27.12.93	,,	Padder ...	8s. "	"
Stephens, Samuel ...	25.11.81	...	16.12.93	Traffic ...	Clerk ...	£75 per ann.	Dismissed
Stockton, Charles Wm. ...	...	17.8.87	23.10.93	,,	Signalman ...	7s. per day	To Penal Department
Storey, James ...	...	3.1.88	16.12.93	,,	Repairer ...	6s. 6d. "	"
Synan, John ...	—.10.81	...	23.12.93	Existing Lines	Labourer ...	7s. "	Retired
Tanner, Charles ...	24.9.81	...	15.12.93	Traffic ...	Repairer ...	8s. "	"
Thompson, James ...	26.9.82	...	29.12.93	Locomotive...	Head Porter ...	6s. 6d. "	Resigned
Toukin, William ...	...	1.2.87	20.12.93	Existing Lines	Ganger ...	9s. "	Retired
Tovey, Richard ...	12.4.61	...	30.11.93	Traffic ...	Clerk ...	£187 10s. per ann.	"
Trinham, John George	15.12.71	...	30.11.93	,,	Station-master	£175 per ann.	Dismissed
Turnbull, James Keith ...	25.12.76	...	31.10.93	,,	Officer in Charge	£360 10s. per ann.	Retired
Wannop, William Christo- pher	1.1.61	...	30.11.93	,,	Gatekeeper ...	4s. per day	Deceased
Wadd, Peter ...	—.1.82	...	23.12.93	Existing Lines	Station-master	£187 10s. per ann.	Retired
Wetherall, Thomas Harrison	1.3.61	...	31.10.93	Traffic ...	Repairer ...	6s. 6d. "	"
Wickers, William Jno. ...	16.7.77	...	3.12.93	Existing Lines	Foreman Painter	11s. 6d. per day	"
Williams, John ...	16.2.64	...	8.12.93	Locomotive...	Driver ...	15s. "	Deceased
Wilmett, Wm. George ...	7.9.74	...	31.12.93	,,	Polisher ...	10s. "	Retired
Wiseman, Benjamin Francis	—.—.55	...	31.12.93	Traffic ...	Head Porter ...	11s. "	"
Wittingslow, Joseph ...	25.10.63	...	31.12.93	Existing Lines	Ganger ...	9s. "	"
Wright, Alfred ...	12.7.80	...	31.12.93	,,	Painter ...	10s. "	"
Young, William ...	17.9.67	...	4.11.93	Locomotive...	Driver ...	15s. "	"

## QUARTER ENDING 31st MARCH, 1894.

Allmitt, Joseph ...	—.1.82	...	14.3.94	Existing Lines	Gatekeeper ...	4s. per day	Retired
Bahl, Herman ...	...	9.1.88	31.3.94	Locomotive...	Fireman ...	9s. "	Deceased
Blacklock, John ...	26.3.77	...	2.1.94	Traffic ...	Guard ...	9s. "	Dismissed
Brennan, Patrick ...	—.3.63	...	20.1.94	Existing Lines	Repairer ...	6s. 6d. "	Retired
Burrell, Richard ...	24.11.82	...	31.3.94	Traffic ...	Head Porter ...	7s. 6d. "	"
Busch, George ...	1.10.77	...	6.1.94	Locomotive...	Labourer ...	7s. "	"
Butiment, George Stringer	28.4.73	...	31.1.94	,,	Ganger ...	9s. "	"
Byrnes, Edward ...	...	1.4.90	5.1.94	Existing Lines	Painter ...	7s. 6d. "	To Police Department
Carter, William ...	19.10.75	...	28.2.94	Traffic ...	Clerk ...	£300 per ann.	Retired
Charlton, George Edward ...	...	2.9.89	12.1.94	Existing Lines	Porter ...	£80 per day	Resigned
Clark, George Cornelius ...	...	5.3.89	3.2.94	Traffic ...	Porter ...	6s. 6d. "	Dismissed
Cook, Frederick Wm. ...	...	5.1.91	2.3.94	Existing Lines	Repairer ...	6s. 6d. "	"
Coulthard, William ...	—.5.76	...	6.1.94	,,	Ganger ...	9s. "	Retired
Cowdry, Frank ...	1.7.62	...	28.2.94	Traffic ...	Clerk ...	£300 per ann.	"
Crofts, William Francis ...	...	11.8.90	16.1.94	,,	Porter ...	6s. per day	Resigned
Croke, William ...	9.5.89	...	3.2.94	,,	Porter ...	6s. 6d. "	"
Curwin, James ...	...	10.7.91	17.3.94	Existing Lines	Gatekeeper ...	5s. 6d. "	"
Davis, Isaac ...	18.4.82	...	6.1.94	Locomotive...	Carpenter ...	10s. "	Retired
Daw, David ...	7.1.63	...	31.1.94	,,	Fitter ...	12s. 6d. "	"
Drever, David ...	1.6.82	...	30.3.94	,,	Carpenter ...	10s. "	"
Drever, James Nairn ...	26.5.81	...	31.3.94	,,	Train Examiner	7s. 6d. "	"
Duffy, Christopher ...	...	1.9.88	5.1.94	Traffic ...	Porter ...	6s. 6d. "	To Police Department
Evans, Frederick ...	12.5.79	...	31.1.94	Locomotive...	Striker ...	7s. 6d. "	Retired
Farell, William ...	...	10.6.89	31.3.94	Existing Lines	Repairer ...	6s. 6d. "	Resigned
Feighrey, Mary ...	...	4.1.93	14.2.94	,,	Gatekeeper ...	4s. "	Deceased

REMOVALS of Employés—MARCH QUARTER—*continued.*

Name in Full.	Approximate Date of Entry.		Date of Leaving.	Branch.	Rank, Grade, or Position.	Salary or Wages.	Remarks.
	—	Act 767.					
Fitzgerald, Patrick ...	... 7.5.88	7.5.88	4.1.94	Locomotive ...	Cleaner ...	5s. per day ...	To Police Department
Francis, Reginald Hawkey ...	5.2.83	...	31.3.94	Traffic ...	Clerk ...	£150 per ann.	Retired
Gardner, Joseph ...	1.5.72	...	25.2.94	" ...	Point-cleaner ...	8s. per day	Decased
Godkin, Henry ...	—9.80	...	19.1.94	Existing Lines	Painter ...	9s. "	Retired
Green, Alexander Joseph ...	...	4.9.89	5.1.94	Traffic ...	Porter ...	6s. "	To Police Department
Hall, James ...	5.3.67	...	31.3.94	Locomotive ...	Fitter ...	11s. 6d. "	Retired
Harris, Michael ...	6.2.84	...	6.1.94	" ...	Fireman ...	9s. "	Dismissed
Haworth, Samuel Gregory ...	29.11.80	...	22.3.94	Traffic ...	Shunter ...	7s. 6d. "	Retired
Hein, Terence ...	...	1.11.88	5.1.94	Existing Lines	Repairer ...	6s. 6d. "	To Police Department
Heintz, Jacob ...	...	1.12.88	31.1.94	" ...	" ...	6s. 6d. "	Resigned
Hennessey, John ...	—1.71	...	9.2.94	" ...	" ...	7s. "	Retired
Hennett, Eliza ...	...	26.1.88	9.1.94	" ...	Gatekeeper ...	4s. "	Resigned
Henry, George ...	...	6.3.89	31.3.94	Locomotive ...	Labourer ...	6s. 6d. "	"
Hill, William ...	31.7.82	...	30.1.94	" ...	" ...	7s. "	Deceased
Hitchens, Alfred ...	...	15.10.89	31.3.94	" ...	Storeman ...	7s. 6d. "	Resigned
Holden, John ...	...	13.5.87	26.2.94	Traffic ...	Porter ...	7s. "	To Penal Department
Hopgood, John Henry ...	...	30.5.87	29.3.94	" ...	Block-recorder ...	6s. "	Dismissed
Houston, Alex Muir ...	7.12.74	...	6.3.94	" ...	Traffic and Telegraph Inspector	£425 per ann.	Retired
Howard, John Andrew ...	...	18.9.89	1.1.94	Locomotive ...	Cleaner ...	6s. per day	To Police Department
Hudson, William ...	...	—3.78	...	Existing Lines	Ganger ...	9s. "	To Board of Land & Works
Hulse, Thomas ...	4.1.59	...	2.1.94	Locomotive ...	Locomotive Foreman	£475 per ann.	Retired
Hunt, Charles ...	1.3.74	...	31.1.94	" ...	Labourer ...	7s. 6d. per day	"
Hurley, Cecelia ...	...	26.11.91	20.2.94	Existing Lines	Gatekeeper ...	4s. "	Deceased
Hutchinson, James ...	23.11.66	...	8.1.94	Locomotive ...	Inspector ...	18s. "	Retired
Hutchinson, Thos. James ...	...	10.8.86	21.2.94	Traffic ...	Porter ...	6s. 6d. "	Dismissed
Jacks, Edward ...	7.6.58	...	31.1.94	Locomotive ...	Chief Inspector	£675 per ann.	Retired
Jenkins, James Henry ...	17.12.74	...	19.3.94	" ...	Driver ...	13s. per day	"
Johnston, Richard ...	...	20.3.89	4.1.94	" ...	Cleaner ...	6s. "	To Police Department
Jones, Henry David Pim ...	18.8.80	...	22.2.94	Traffic ...	Porter ...	7s. "	Retired
Jones, John Vincent ...	17.4.83	...	16.3.94	Locomotive ...	Carpenter ...	9s. "	"
Jones, Robert ...	8.12.62	...	31.1.94	" ...	Sub-foreman ...	£300 per ann.	"
Kennedy, Martin ...	...	1.4.90	5.1.94	Existing Lines	Repairer ...	6s. 6d. per day	To Police Department
Kerr, Alexander ...	...	2.8.90	5.1.94	Traffic ...	Number-taker ...	5s. 6d. "	Deceased
King, Richard Charles ...	1.2.65	...	25.2.94	Locomotive ...	Foreman Painter ...	£300 per ann.	To Police Department
Lawford, John ...	...	28.5.89	3.1.94	" ...	Cleaner ...	6s. per day	"
Lewis, John ...	3.4.82	...	31.1.94	Traffic ...	Closet Attendant ...	6s. 6d. "	Retired
Lewis, John ...	...	11.6.88	5.1.94	" ...	Signalman ...	6s. 6d. "	To Police Department
Maguire, Thomas ...	...	11.2.91	19.1.94	Locomotive ...	Turner ...	11s. "	Resigned
Male, Thomas Henry ...	...	8.4.90	31.1.94	Existing Lines	Repairer ...	6s. 6d. "	"
Maplestone, William Mash ...	30.10.81	...	30.3.94	Traffic ...	Station-master ...	8s. "	Killed on duty
Matthews, James ...	...	1.9.85	5.1.94	" ...	Shunter ...	7s. 6d. "	To Police Department
Mattinson, Daniel Gannon ...	2.6.79	...	6.1.94	Locomotive ...	Fitter ...	9s. 6d. "	Retired
Meldrum, William ...	9.6.82	...	8.3.94	Traffic ...	Porter ...	7s. 6d. "	"
Melville, John ...	1.7.78	...	31.1.94	Locomotive ...	Labourer ...	7s. "	"
Millar, Leander ...	...	11.8.90	5.1.94	Traffic ...	Porter ...	5s. 6d. "	To Police Department
Millgate, John Edward ...	1.7.78	...	31.1.94	Locomotive ...	Labourer ...	7s. "	Retired
Moran, Martin ...	1.7.74	...	8.1.94	" ...	" ...	8s. "	"
Morey, Samuel George ...	...	12.9.90	4.1.94	" ...	Striker ...	7s. "	To Police Department
Murchison, William Gordon ...	...	4.3.89	6.3.94	Telegraph ...	Operator ...	£65 per ann.	Retired
Murphy, Peter Joseph ...	13.6.83	...	31.3.94	Traffic ...	Station-master ...	8s. per day	Deceased
Mackay, William ...	—1.74	...	6.1.94	Existing Lines	Repairer ...	7s. "	Retired
McCarthy, William Patrick ...	12.1.82	...	6.1.94	Locomotive ...	Carriage-builder's Assistant	7s. 6d. "	"
McDonald, Martha ...	17.7.78	...	15.2.94	Existing Lines	Gatekeeper ...	4s. "	Dispensed with
McGrath, Michael ...	5.9.82	...	6.1.94	Locomotive ...	Watchman ...	7s. "	Retired
McGrath, William ...	20.10.63	...	28.2.94	Traffic ...	Gatekeeper ...	4s. "	"
McGuiness, John ...	—1.64	...	19.1.94	Existing Lines	Ganger ...	9s. "	"
McLarty, Archibald ...	9.7.74	...	20.2.94	Locomotive ...	Striker ...	7s. 6d. "	"
Needham, William Henry ...	18.1.82	...	14.3.94	" ...	Blocker ...	9s. "	"
Norman, James ...	6.1.80	...	17.2.94	Traffic ...	Labourer ...	7s. "	"
Norton, Edward Jesse Wren ...	2.8.83	...	2.3.94	" ...	Clerk ...	£125 per ann.	Dismissed
Olsson, John ...	18.4.73	...	9.3.94	Existing Lines	Ganger ...	9s. per day	Retired
O'Brien, John ...	9.11.68	...	14.2.94	Locomotive ...	Driver ...	15s. "	Deceased
O'Hagan, William Henry ...	...	3.2.89	16.1.94	Existing Lines	Repairer ...	6s. 6d. "	Resigned
Parkin, George ...	20.2.74	...	7.2.94	Locomotive ...	Boilermaker's Assistant	8s. "	Retired
Phipps, Thomas ...	—6.57	...	12.1.94	Existing Lines	Ganger ...	9s. "	"
Rake, Samuel ...	10.2.59	...	9.1.94	Locomotive ...	Locomotive Foreman	£425 per ann.	"
Reed, George Williamson ...	...	7.5.88	31.1.94	" ...	Apprentice ...	3s. 6d. per day	Resigned
Rees, Lewis ...	2.4.83	...	28.2.94	" ...	Striker ...	7s. "	Retired
Robbins, Patrick ...	20.10.74	...	10.1.94	" ...	Labourer ...	7s. "	"
Ryan, William ...	...	8.9.90	16.1.94	" ...	Fitter ...	9s. 6d. "	"



## REMOVALS of Employés—JUNE QUARTER—continued.

Name in Full.	Approximate Date of Entry.		Date of Leaving.	Branch.	Rank, Grade, or Position.	Salary or Wages.	Remarks.
	—	Act 767.					
Frawley, Patrick	22.10.83	...	30.6.94	Existing Lines	Repairer	6s. 6d. per day	Retired
French, James	30.3.69	...	30.6.94	"	Gatekeeper	5s. 6d. "	"
Fricker, Arthur	24.7.77	...	26.4.94	Locomotive...	Driver	14s. "	"
Gairns, William	3.5.72	...	30.6.94	Existing Lines	Ganger	9s. "	"
Galbally, Charles	21.9.82	...	29.6.94	Locomotive...	Painter	9s. 6d. "	"
Gibson, James	...	4.5.89	18.4.94	"	Chainmaker	11s. "	Deceased
Glover, James	1.6.79	...	22.5.94	Existing Lines	Ganger	9s. "	"
Goudie, Henry	14.2.75	...	30.6.94	"	Repairer	7s. "	Retired
Graham, William Henry	13.10.77	...	4.4.94	Locomotive...	Driver	13s. "	Dismissed
Hare, James	1.5.80	...	30.6.94	Existing Lines	Repairer	7s. "	Retired
Harte, Patrick Hy.	7.10.74	...	30.6.94	"	Repairer	7s. "	"
Haswell, Charles	5.8.77	...	30.6.94	Traffic	"	7s. "	"
Hawke, William Richard	...	10.1.88	11.4.94	Closet Attendant	Shunter	5s. 6d. "	Resigned
Healy, Mathew	...	4.2.89	2.6.94	"	Lampman	7s. "	Dismissed
Herlihy, Thomas	1.2.80	...	30.6.94	Existing Lines	Repairer	7s. "	Retired
Holst, Frederick William	...	13.2.91	30.6.94	Locomotive...	Cleaner	5s. 6d. "	Resigned
Homewood, Alfred	1.6.57	...	30.6.94	"	Foreman Copper-smith	£315 per ann.	Retired
Hooper, Thomas William George	...	10.2.86	15.5.94	Traffic	Porter	7s. per day	Killed on duty
Howarth, James	29.12.63	...	29.6.94	Locomotive...	Springmaker	12s. "	Retired
Hutton, William	14.1.79	...	30.6.94	Existing Lines	Labourer	6s. "	"
Ivy, Thomas Jesse	22.11.81	...	29.6.94	Locomotive...	Carriage-builder	10s. "	"
Jones, Walter Malyn	...	8.9.90	23.5.94	"	Apprentice	3s. "	Resigned
Kelly, John	12.6.82	...	12.6.94	Existing Lines	Repairer	7s. "	Killed on duty
Lawrence, Charles	1.6.73	...	1.6.94	"	Repairer	7s. "	Retired
Lenz, Peter Chas.	...	11.8.85	28.6.94	Traffic	Clerk	£120 per ann.	Dismissed
Lewis, William Robert	...	1.12.88	7.5.94	Existing Lines	Repairer	6s. 6d. per day	Resigned
Lillis, George	1.3.65	...	15.6.94	"	Gatekeeper	4s. 6d. "	Retired
Lunney, John	1.6.77	...	30.6.94	"	Repairer	7s. "	"
Malay, Patrick	18.4.73	...	30.6.94	"	Repairer	7s. "	"
Martin, George	...	11.5.87	16.6.94	Traffic	Labourer	7s. "	Dismissed
Mealy, Charles	...	21.7.84	11.4.94	Locomotive...	Assistant	8s. "	Resigned
Mitchell, Andrew	1.6.81	...	25.5.94	"	Lighter-up		
Moore, John	1.1.74	...	18.5.94	Existing Lines	Pile-driver	8s. "	Dismissed
Moore, William	7.10.74	...	30.6.94	Traffic	Labourer	7s. "	Retired
Morris, Nathaniel	1.6.74	...	30.6.94	Existing Lines	Ganger	9s. "	"
Morrow, Alexander	16.10.76	...	22.6.94	Traffic	Repairer	7s. "	"
Mullins, Michael	...	28.7.90	3.5.94	"	Guard	9s. "	To Penal De
Myrick, Michael	1.5.66	...	18.5.94	Existing Lines	Gatekeeper	6s. per day	partment Retired
McCutcheon, Alexander	23.2.67	...	30.6.94	Traffic	Porter	7s. "	
McDiviern, Michael	3.1.74	...	30.6.94	Existing Lines	Repairer	7s. "	
McEvoy, Alexander	1.12.79	...	30.4.94	"	Ganger	9s. "	
McGregor, Thomas	1.8.62	...	30.6.94	"	Inspector	£315 per ann.	
McIntyre, Duncan	19.11.82	...	16.5.94	"	Repairer	6s. per day	
McKee, Samuel Bates	...	12.4.87	19.4.94	Traffic	Clerk	7s. "	Resigned
McShanag, Hugh	1.11.74	...	30.6.94	Existing Lines	Repairer	7s. "	Retired
Nixon, James	...	24.8.85	2.4.94	Traffic	Signalman	8s. 6d. "	Dismissed
Nolan, Denis	1.9.72	...	18.5.94	Existing Lines	Labourer	7s. "	Retired
Osborne, Thomas	...	10.9.89	20.4.94	Locomotive...	Repairer	6s. 6d. "	Resigned
Pass, John	...	10.4.90	31.5.94	Existing Lines	"	6s. 6d. "	
Pevitt, Charles	1.5.79	...	30.6.94	"	Repairer	6s. 6d. "	
Quinlan, John	1.10.67	...	30.6.94	"	Ganger	9s. "	Retired
Ray, Jane	1.2.73	...	30.4.94	"	Gatekeeper	4s. "	"
Rickards, William	18.10.76	...	30.6.94	"	Repairer	7s. "	"
Richter, Charles Edward Augustus	...	1.2.89	11.6.94	Traffic	Clerk	£97 10s. per ann.	Dismissed
Robertson, Robert	1.8.82	...	30.6.94	Existing Lines	Labourer	7s. per day	Retired
Ross, George	...	13.5.89	30.4.94	Locomotive...	Cleaner	6s. "	Resigned
Rowland, George	1.1.61	...	22.6.94	Existing Lines	Ganger	9s. "	Retired
Ryan, Philip	19.3.78	...	30.6.94	"	Repairer	7s. "	
Sagar, Henry	14.10.61	...	30.4.94	Locomotive...	Ruining Foreman	£355 per ann.	
Sandow, William	1.7.78	...	30.6.94	Existing Lines	Repairer	7s. per day	"
Shaw, Daniel James	...	21.5.88	8.5.94	Traffic	Shunter	6s. 6d. "	Killed on duty
Shearman, Albert Morse	19.5.68	...	28.4.94	Locomotive...	Fitter	13s. "	Retired
Sissons, William	15.1.79	...	30.6.94	Existing Lines	Fencer	9s. "	
Stevens, John William	...	17.4.88	28.6.94	Traffic	Clerk	£75 per ann.	Dismissed
Strapp, Esther	1.5.80	...	20.5.94	Existing Lines	Gatekeeper	4s. per day	Deceased
Sullivan, Dennis	...	15.7.86	4.4.94	Traffic	Shunter	7s. 6d. "	Killed on duty
Syers, Thomas Wm.	2.4.83	...	7.4.94	Locomotive...	Carpenter	9s. "	Retired
Tattersall, Thos.	1.1.59	...	24.4.94	"	Driver in Charge	£315 per ann.	Deceased
Todd, William	3.1.59	...	30.6.94	Existing Lines	Superintending Inspector	£625 "	Retired
Trudgian, Alfred	...	13.5.89	15.6.94	"	Repairer	6s. 6d. per day	Deceased
Walsh, Edmund	1.4.72	...	30.6.94	"	Gatekeeper	7s. "	Retired
Ward, Louisa Elizabeth	...	9.5.89	3.4.94	Traffic	Guard	4s. "	Resigned
Webber, David	11.1.83	...	26.4.94	"	Labourer	8s. 6d. "	Killed on duty
Wilkinson, Alex.	6.10.79	...	30.6.94	"	Repairer	7s. "	Retired
Woodhead, John	28.5.77	...	30.4.94	Existing Lines	Repairer	7s. "	Resigned
Wright, Ernest Llewellen	...	1.11.89	11.5.94	Locomotive...	Carpenter	9s. "	"
Young, Charles	...	10.6.89	20.4.94	Existing Lines	Repairer	6s. 6d. "	"

ROBERT GEO KENT,  
Secretary for Railways.

## BOARD OF LAND AND WORKS.—ACT 1135, SECTION 58.

**No. 19.****STATEMENT OF APPOINTMENTS OF EMPLOYEES.****QUARTER ENDING 30th SEPTEMBER, 1893.**

Name in Full.	Branch.	Position.	Date of Entry.	Salary or Wages.
James David Henry*	...	Clerk	22.9.90	£70 per annum

\* Reinstated 2nd September, 1893.

**QUARTER ENDING 31st DECEMBER, 1893.**

Nil.

**QUARTER ENDING 31st MARCH, 1894.**

Nil.

**QUARTER ENDING 30th JUNE, 1894.**

Nil.

ROBERT GEO. KENT,  
Secretary for Railways.

## BOARD OF LAND AND WORKS.—ACT 1135, SECTION 58.

No. 20.

## STATEMENT OF REMOVALS OF EMPLOYES.

QUARTER ENDING 30th SEPTEMBER, 1893.

Name in Full.	Approximate Date of Entry.		Date of Leaving..	Rank, Grade, or Position.	Salary or Wages.	Remarks.
	—	Act 767.				
Arnott, George ...	21.10.63	...	17.7.93	Inspector ...	10s. per day ...	To Existing Lines
Breen, John ...	—.5.76	...	22.8.93	Foreman ...	9s. " "	Dispensed with
Calcutt, Richard Fallon ...	...	1.9.87	1.7.93	Clerk ...	7s. " "	To Existing Lines

QUARTER ENDING 31st DECEMBER, 1893.

Brown, Arthur Alexander ...	...	18.5.89	31.12.93	Engineer Student ...	£32 10s. per ann.	Dispensed with
Brown, Harold John ...	...	22.4.87	31.12.93	"	£102 10s. "	"
Cash, Henry James ...	25.10.83	...	31.12.93	Draughtsman ...	10s. per day ...	"
Craner, John ...	—.68	...	31.12.93	Field Assistant ...	£240 per ann. ...	"
Cunningham, Alben Godfrey ...	...	20.12.87	12.10.93	Clerk ...	7s. per day ...	Dismissed
Davies, John Hugh ...	—.2.81	...	31.12.93	Inspecting Engineer	£600 per ann. ...	Dispensed with
Duffy, Philip Gavan ...	1.8.78	...	31.12.93	Field Assistant ...	£190 " "	"
Dunphy, Thomas Laurence ...	...	7.5.88	31.12.93	Engineer Student ...	£97 10s. " "	"
Durr, George Jacob ...	20.4.79	...	31.12.93	Labourer ...	8s. 6d. per day	"
Goudy, Arthur ...	...	3.5.87	31.12.93	Engineer Student ...	£102 10s. per ann. ...	"
Himeu, John James ...	23.5.81	...	31.12.93	Draughtsman ...	£310 " "	"
Holmes, Thomas Henry ...	...	15.1.89	1.12.93	Clerk ...	£65 " "	To Traffic Branch
James, William Colbert ...	...	10.8.86	31.12.93	Engineer Student ...	9s. per day ...	Dispensed with
Jones, Peyton ...	—.6.60	...	31.12.93	District Engineer ...	£800 per ann. ...	"
King, James Edwin ...	29.1.78	...	31.12.93	Draughtsman ...	£240 " "	"
Lawson, Charles William Ruffle	—.11.74	...	30.11.93	Assistant Engineer	£575 " "	"
Long, Samuel Alfred ...	...	28.12.87	31.12.93	Clerk ...	£75 " "	"
Lunt, Alfred George ...	8.11.80	...	31.12.93	Assistant Engineer	£330 " "	"
Moore, Steadman Gordon ...	...	14.1.89	31.12.93	Engineer Student ...	£82 10s. " "	"
McKie, Henry Donald ...	7.7.75	...	31.12.93	Assistant Engineer	£350 " "	"
Muir, John Andrew ...	1.7.79	...	31.12.93	"	£280 " "	"
Nankivell, Roger Leonard ...	...	20.5.89	30.11.93	Engineer Student ...	£82 10s. " "	"
Orpen, Henry ...	6.8.80	...	31.12.93	Field Assistant ...	£190 " "	"
Parry, Edward William ...	23.5.82	...	31.12.93	"	£275 " "	"
Paterson, Robert Andrew ...	29.8.80	...	31.12.93	"	£200 " "	"
Pritchard, Frank Pynor ...	14.2.74	...	31.12.93	Assistant Engineer	20s. per day ...	"
Rees, George Symon ...	18.3.80	...	31.12.93	Field Assistant ...	£240 per ann. ...	"
Roberts, George ...	...	1.1.90	12.10.93	Draughtsman ...	15s. 6d. per day	To Existing Lines
Smith, Alexander Chalmers ...	12.12.82	...	31.12.93	"	£265 per ann. ...	Dispensed with
Thompson, John Trapani ...	12.4.78	...	31.12.93	"	£510 " "	"
Wilson, James Forbes ...	...	15.2.86	31.12.93	Engineer Student ...	£110 " "	"
Wrixon, Henry ...	—.6.55	...	31.12.93	Inspecting Engineer	£600 " "	"

QUARTER ENDING 31st MARCH, 1894.

Agg, Herbert Mosley ...	...	9.8.86	31.1.94	Acting Field Assistant	9s. per day ...	Dispensed with
Body, George ...	13.9.82	...	31.1.94	Chainman ...	6s. " "	"
Conlon, Charles ...	18.12.78	...	28.2.94	Field Assistant ...	£190 per ann. ...	"
Dennan, Francis ...	18.9.81	...	5.1.94	Draughtsman ...	£315 " "	"
Egan, Michael Francis ...	6.6.79	...	31.1.94	Assistant Engineer	£280 " "	"
Epple, David ...	4.4.82	...	31.1.94	Litho. Labourer ...	8s. 3d. per day	"
Griffin, Thomas Robert ...	8.2.82	...	31.1.94	Assistant Engineer	£410 per ann. ...	"
Helfenstein, Louis ...	23.7.83	...	31.1.94	Draughtsman ...	£147 10s. per ann. ...	To Existing Lines
McDonald, Donald ...	8.5.74	...	31.1.94	Foreman Chainman	9s. per day ...	Dispensed with
McKenzie, Roderick ...	26.2.82	...	31.1.94	Chainman ...	7s. " "	"
McLaren, Duncan Campbell ...	5.9.82	...	31.1.94	"	6s. " "	"
Putnam, Richard Stanley ...	...	21.5.88	31.1.94	Student ...	6s. " "	"
Stoddart, James ...	—.3.81	...	31.1.94	Assistant Engineer	£250 per ann. ...	"

QUARTER ENDING 30th JUNE, 1894.

Nil.

ROBERT GEO. KENT,  
Secretary for Railways.