

1873.

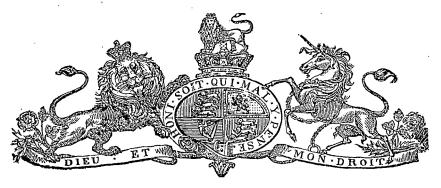
# TASMANIA.

LEGISLATIVE COUNCIL.

# LAUNCESTON AND WESTERN RAILWAY.

REPORT FROM DATE OF TRANSFER TO APRIL 30, 1873.

Laid upon the Table by Mr. Scott, and ordered by the Council to be printed, June 25, 1873.



Launceston and Western Railway, Launceston, 21st June, 1873.

SIR.

I have the honor to report as follows upon the business of this Department from the transfer of the Railway to the Government to the 30th April last.

## Capital or additional Construction Account.

Return No. 1.

The liabilities of the Launceston and Western Railway Company (Limited), for purchase of Stores, &c. on taking the transfer of the Railway were found to be £1713 11s. 8d., which amount, in accordance with the terms of transfer, was paid from the £12,000 voted by Parliament for that and other purposes of the Railway.

The value of the Stores on hand was £1762 15s. 3d., which were duly transferred over to the Government.

The repairs necessary to be done to the earthworks before the Line could be open Return No. 2. for traffic by the Government were estimated at £900, and these were at once executed.

In addition to such repairs, and to render the works of a permanently stable nature, the Inspecting Surveyor reported that it was necessary to reduce many of the slopes to a greater incline, and thus prevent the recurrence of the extensive slips which had previously been continually occurring with very disastrous effects.

It was also found necessary, for the same reason, to drain and ballast many of the embankments, more particularly the large ones known as Nos. 38 & 42, which had from the first opening of the Line been subsiding or settling down towards the valley on the lower side.

These embankments, since they have been drained on the upper side with horizontal and vertical shafts, have given every appearance of perfect stability, notwithstanding the very severe test they have undergone during the recent unusually wet autumn.

The Permanent Way has also been ballasted in several places where necessary, and is now in good order. The total cost of this ballasting and works has been £2242 9s. 3d.: this expenditure was necessary to put the Works in a perfect condition.

## Rolling Stock.

Return No. 3.

The Rolling Stock and number of Locomotives was quite inadequate to the anticipated requirements of a busy season and a very rapidly developing traffic; consequently orders were immediately despatched to England for additional Wagons and duplicates for Rolling Stock, also for one Locomotive Engine of a lighter character than those at present in use.

The estimate of the cost of these additions to the Rolling Stock of the Department, based upon previous Invoices, has, I regret to say, been very considerably below the actual cost: a fact solely attributable to the unprecedented high price of all Railway material in the English market. Fortunately considerable saving, however, was effected by sending the order for the Locomotive by Telegraph, and thus getting it placed prior to a further large advance which occurred almost immediately subsequent to the issue of the Order.

Return No. 4.

## Additional Accommodation for Traffic.

Additional accommodation for traffic purposes has been erected at several of the Stations in the shape of cattle landings, increased sidings, and extended platform; all of which were found to be essential for the proper working of the traffic.

The several expenditures to which I have herein referred, and details of which will be found in the accompanying tabulated Statements, have been charged to the Capital Account as new works.

Return No. 5.

#### Revenue Account.

The Statement of the Receipts and Expenses for the period during which the Government has had the control and management of this Railway shows a surplus of receipts over expenses of £2375 10s. 5d.

Return No. 6. Statements are also submitted of the Receipts and Expenses for the year 1872, and Return No. 7. the direction and extent of Passenger and Goods traffic during that period; together Return No. 8. with carefully calculated statistical factors of the Receipts from each class of traffic per train mile run, and the actual cost of such train mile.

Return No. 9. In comparing the Traffic and Receipts of 1872-3 with those of the corresponding period 1871 (see Tables), it will be observed that, while traffic is rapidly increasing, receipts do not improve at an equal ratio. This chiefly arises from the development of other sources of traffic than that which predominated during the first year, and which is carried at a very low rate. The greater proportion of this traffic is composed of guano, firewood, fencing, lime, &c., part of which is carried at the extremely low rate of 0.66d., or little over one half-penny per ton per mile: this traffic, prior to the opening of the Railway, was carried at an average from 1s. to 1s. 3d. per ton per mile, and was consequently then very limited.

It will be perceived that, while it is judicious to encourage this kind of traffic, it has at present a very detrimental effect upon the receipts; and that, in estimating the amount of benefit to the District from Railway facilities, it is preferable to look to the comparative increase in traffic rather than to the actual amount of receipts.

Return No.10. The working expenses will compare very favourably with Railways elsewhere, as shown in the Statement, and have been considerably reduced during the half year ending April 30th, 1873.

## General.

The Earthworks may now be considered to have thoroughly consolidated.

The Rolling Stock will be ample for any increase of traffic for several years to come, and will be from time to time carefully renewed out of the Revenue Receipts, which charges have been calculated for in the Estimates that will be submitted for the year 1874.

Return No. 11.

The additional further works likely to be almost immediately required will be an extension of the Goods Warehouse at Launceston, and new Engine Sheds at Launceston and Deloraine, also small sheds for the reception of goods at Hagley and Exton, at both of which places the traffic is very considerable and is rapidly increasing. They are the centres of very large and important Districts, and demand proper accommodation.

I do not feel justified in concluding this Report without alluding to the proposed continuation of the Deloraine and Mersey Tramway from Coiler's Creek to Deloraine, and from Gilbert-street, Latrobe, to the deep water of the River Mersey. When these works are effected by the Company, and continuity of Railway Traffic for Passengers, Mail, and Goods ensured from Launceston to Latrobe, an impetus will be given, not only to the operations of the Launceston and Deloraine Railway, but to the agricultural, pastoral, and commercial interests of the North Coast, which will be felt from Port Sorell to Circular Head.

I have the honor to be,

Your Excellency's obedient humble Servant,

CHARLES MEREDITH, Minister of Lands and Works.

To His Excellency the Governor in Council.

	No. 1.				
STATEMENT of Launceston and Wes	stern Railway Co ransferred to Gov	mpan vernm	ies Liabilitie ent.	;	_
Launceston and Western Railway	Companies Liabili	ities	_	£ s. 1713 11	<i>d.</i> 8
Ditto, Stores transferred to G	overnment-	: <b>-</b> .	· · · · · · · · · · · · · · · · · · ·	1762 15	3
R. M. Johnston, Traffic Auditor.		Ř.	W. LORD,	Secretary an	ad Manager.
	No. 2.				
SI	OPES and Cutt	inas			
Amount expended on Slopes and			1873 -	£ s. 2242 9	$egin{array}{c} d. \ 3 \end{array}$
R. M. Johnston, Traffic Auditor.		<b>R</b> .	w. lord,	Secretary an	nd Manager.
_	No. 3.				
DOLLENG	•		77 7 7		
Articles—	Stock, &c. ordere	ea in	Englana.	,	
				£ s.	d.
Carriage and Wagon Duplic	ates 7	-	-	459 10	0
Locomotive Duplicates - Pumps -	<u>-</u>			$egin{array}{ccc} \cdot & 353 & 0 \ 454 & 0 \end{array}$	$\begin{array}{c} 0 \\ 0 \end{array}$
Planing Machine -		-		167 0	ŏ
Locomotive -			-	2395 0	Ŏ.
Iron-work for Goods Wagon	_			1001 5	Ŏ
Facing Machine and Steel, &		-		79 0	Ö
Break Vans (2)	<u> </u>			572 0	0
Commission, Freight, Insura	nce, &c	-	· -	<b>5</b> 80 0	0 .
	•			£6060 15	0
			•	-	
R. M. Johnston, Traffic Auditor.		R.	W. LORD,	Secretary an	nd Manager.
-					
	No. 4.				
${\it CATTLE-YARDS},~{\it Sid}$	ings, Platforms, T	Timbe	r-work for V	Vagons, &c.	
Amount expended on Cattle-yards, Sid	ings, Platforms, &	c. to 8	30th April, 1	8 <b>73</b> 1688	s. d. 5 6 2
R. M. Johnston, Traffic Auditor.		R.	W. LORD,	Secretary as	nd Manager.
	No. 5.				

RECEIPTS and Expenditure from August 12, 1872, to April 30, 1873.

`.	Month.			Working Days.	Passengers.	Tons.	Receipts.	Expenditure.					
August September October November December January - February March - April -			- -	-	18 25 27 26 26 26 27 24 26 26 26	2810 4174 4559 5010 8797 7915 8611 7063 7815	1160 1117 1043 1221 1447 1233 2020 4236 4591	£ s. d. 736 19 10 900 14 0 952 6 10 945 9 3 1184 8 7 1151 10 1 1520 16 1 1994 14 4 2550 15 8	£ s. d, 767 13 5 1015 0 3 1077 16 8 1095 1 4 977 13 2 1160 14 5 1099 3 9 1073 14 11 1295 6 4				

Surplus of Receipts over Expenditure

£2375 10s. 5d.

R. M. Johnston, Traffic Auditor.

廽r.

Total Train mileage (Passengers and Goods), 72,300 miles.

Cr.

EXPENDITURE. (A.)		Cost per Train mile.	Cost per mile open.	REVENUE.	Revenue per Train mile.		
To maintenance Permanent Way and Works -	£ s. d. 4008 5 4	s. d. 1 1·30	£ 89 07	By Passengers, 63,647 at 23:37d	£ s. d.	£ s. d. 6199 15 7	s. d. 1 8.58
Locomotive and carriage and wagon charges	4299 10 2	1 2.7	95.54	Parcels, horses, carriages, and dogs -		316 14 1	0 1.04
Traffic charges	3582 16 · <b>2</b>	0 11 39	. 79.62	Goods, 18,111 tons, at 6s. 3 59d	5645 15 5		
Police, Gatemen, &c	324 17 8	0 1.8	7.22	Live stock	167 19 1		1
General charges	1382 15 4	0 4.59	30.73			5813 14 6	1 7.29
Mails Compensation	$\left.\begin{array}{cccccccccccccccccccccccccccccccccccc$	0 0 60	<b>4</b> ·18	Rents, mails, &c	·	1306 2 1	0 4.33
Compensation	14 0 0 9					13,636 6 3	3 9.24
		1		Balance		149 2 9	
	£13,786 9 0		- 			£13,786 9 0	•

R. W. LORD, Secretary and Manager.

R. M. Johnston, Traffic Auditor.

# SCHEDULE A.

# ANALYSIS of Expenditure, 1872.

DEPA	AMOUNT EXPENDED EACH					
PARTICULARS.	Salaries & Wages.	Stores. (C.)	Sundry charges.	T	OTAL.	MONTH,
Maintenance of Way— Inspecting Surveyor, Platelayers, Labourers, &c	£ s. d. 3870 13 10	£ s. d. 119 15 6	£ s. d. 17 16 0	£ s. d.	£ s. d. 4008 5 4	£ s. d. January 1287 13 0
Locomotive and Carriage and Wagon Department— Locomotive Foreman, Carpenters, Fitters, Drivers, Firemen, Cleaners, Labourers, &c	2201 7 1	2015 16 3	82 6 10	_	4299 10 2	February - 1294 19 3 March 2209 13 10
Traffic Charges— Station Master, Guards, Porters, Signalmen, Pointsmen, &c.—  Launceston	938 3 11 165 3 6 183 5 1 516 19 3	64 16 1 22 12 0 22 11 1 51 11 11	=	1003 0 0 187 15 6 205 16 2 568 11 2		April 1467 9 4  May 1325 15 11  June 1267 12 10  July*
Longford Westbury	195 5 0 65 1 8 389 1 9	20 6 11 11 12 2 48 1 5 102 11 2	438 3 8 341 6 7	215 11 11 76 13 10 437 3 2 438 3 8 450 0 9		August 767 13 5  September - 1015 0 3  October - 1077 16 8
Total traffic charges	2459 3 2	344 2 9	779 10 3	3582 16 2	3582 16 2	November 1095 1 4
Police, Gates, &c. — Gate Keepers, &c. at level crossings	317 18 0	6 19 8		· · —	324 17 8	December - 977 13 2
General Charges— Office of Secretary, Traffic Superintendent, Traffic Auditor, and Stores, Cashier, and other charges -	1306 12 3	39 10 <b>7</b>	36 12 6		1382 15 4	
Mails— Mail Carriers, &c	<b>—</b>		174 4 4		174 4 4	• Cessation of traffic from 30th June to 12th August.
Compensation— Sundry damages	_		14 0 0	- ;	14 0 0	
	£10,155 14 4	£2526 4 9	£1104 9 11	,	£13,786 9 0	£13,786 9 0

R. W. LORD, Secretary and Manager.

R. M. Johnston, Traffic Auditor.

	PASSEI	. "	FIC AND		S AT EACH	STATION.	RECEIPTS	J.	· <del>***</del>	RECEIP'	ING EACH	
STATIONS.	Outwards.	Inwards.	Outwards.	Inwards.	Passengers.	Parcels, &c.	Goods and Live Stock.	Mails, Rents, &c.	Total Receipts.	Month.	Working Days	Amount.
Launceston St. Leonard's	No. 26,017	No.	Tons. 3075 9 2 649 1473 4078 587 116 600 572 705 1435 4810	Tons. 12,192 31 7 1046 579 2726 272 82 176 170 350 35 445	# s. d. 2486 19 9  400 11 0 367 3 5 1002 17 0  632 5 1  1245 0 2 64 19 2	£ s. d. 100 10 9  0 13 6 14 1 10 14 15 8 70 5 9 4 4 0 1 19 0 2 7 9 8 15 3 33 3 8 4 5 0 61 11 11	£ s. d. 2647 19 9 0 6 2 0 3 0 214 15 8361 19 1 1585 9 5 105 5 9 12 18 11 5 17 10 69 5 6 250 0 11 60 13 3 498 19 3	£ s. d. 6 9 7 ———————————————————————————————————	£ s. d. 5241 19 10 0 6 2 0 16 6 631 17 9 751 16 2 2666 0 10 109 9 9 14 17 11 8 5 7 78 0 9 930 13 9 65 3 3 1833 10 7 1303 7 5	January - February - March - April - May June - July - August - September - October - November -	No. 27 25 - 26 26 27 25 - 25 27 26 26 26 26 26 26	£ s. d. 1236 8 2 1440 5 3 1575 2 2 1746 9 3 1210 5 0 1659 15 7 48 4 4 736 19 10 900 14 0 953 6 10 945 9 3 1184 8 7
	63,647		18,111	18,111	£6199 15 7	£316 14 1	£5813 14 6	£1306 2 1	£13,636 6 3			£13,636 6 3

R. W. LORD, Secretary and Manager.

R. M. Johnston, Traffic Auditor.

C.

ANALYSIS of Stores consumed, 1872.

Description of Stores.	Consumed by each Department.	Consumed during each Month.				
Fuel. £ s. d.  Coal 1023 tons  Wood 129 tons	## S. d. £ s. d.  Maintenance of Way & Works 119 15 6  Locomotive and Carriage and Waggon Department 2015 16 3  Traffic Charges.  Launceston 64 16 1  Evandale 22 12 0  Perth 22 11 1  Longford 51 11 11  Westbury 20 6 11  Exton 11 12 2  Deloraine 48 1 5  General Traffic  Charges 102 11 2  Police, Gates, &c. 6 19 8  General Charges 39 10 7	£ s. d. January 225 2 1 February 195 16 2 March 280 9 3 April 221 8 9 May 203 19 8 June 207 16 11 July 26 11 8 September 217 7 11 October 313 10 1 November 225 8 11 December 228 13 4				
Wicks       3l. 9s. 2d.         52 10 5         Stationery, advertisements.       204 15 3         Timber       44 1 3         Iron       114 7 11         Tools       73 6 11         Ordinary Sundries       59 9 9         Extra Sundries       112 2 9         Duplicates       120 14 4	£2526 4 9	£2526 4 9				

R. M. Johnston, Traffic Auditor.

R. W. LORD, Secretary and Manager.

No. 7.

DIRECTION and Extent of Goods Traffic, 1872.

FORWA	ARDED FROM					REC	EIVE.	D A	r		•				тота	LS OU	TWARDS.
. s:	TATIONS.	Launceston.	St. Leonard's.	Breadalbane.	Evandale.	Perth.	Longford.	Bishopsbourne.	Onks.	Glenore.	Hagley.	Westbury.	Exton.	Delorains.	Tons.	Average Distance.	Miles travelled.
St. Leonar Breadalbar Evandale Perth Longford Bishopsbor Oaks Glenore . Hagley . Westbury	nd's ne urne	Tons.  4 11 615 1427 3934 475 92 188 472 434 877 3673	Tons. 12 — 12 — — — — — — — — — — — — — — — —	Tons. 2 - 4 - 1	Tons. 648 5 - 1 26 8 - 7 - 4 128 219	Tons. 199	Tons. 1183 1 2 8 61 20 405 97 149 347 529	Tons 155	56 	  1 11  1 4 24	Tons. 126 — 1 16 1 2 — — 11	Tons. 254	Tons. 26 — 8 3 — — — 1 — 4	Tons. 370	Tons. 3075 9 2 649 1473 4078 587 116 600 572 705 1435 4810		67,431·01 30·98 20·65 7490·08 21,846·97 71,769·97 12,785·10 2640·14 9728·57 16,242·05 19,725·31 50,018·10 196,848·43
*	(Tons	12,192	31	7	1046	579	2802	272	82	112	158	350	35	445	18,111		
Totals Inwards.	Average Distance		-	_				-	_	_	-	_	_		_	26.31	
	Miles travelled	349,042	395	57	19,974	12,747	52,554	5639	1306	2126	4390		1232	27,444	-		476,607
T T A	otal train miles otal (ton) miles trav otal goods tonnage (verage goods tonnag Ditto train mile.  Average miles travelle	elled e per trai	in	47	2,300 6,607·6 8,111 11·3 0·25 26·31	tons.		Avera L D	ge go Ditto p Ditto p	ods r per tr per to	eceip ain n n	ts (to ile	a) pe	r mile.	0	0 2· 1 6·	87 9 59

No. 8.

DIRECTION and Extent of Passenger Traffic, 1872.

			•				INWA	RDS A	ΛT						тота	ւ օՄ	TWARDS.
OUTWARDS FROM		Launceston.	St. Leonards.	Breadalbane.	Evandale,	Perth.	Longford.	Bishopsbourne.	Oaks.	Glenore.	Hagley.	Westbury.	Exton.	Deloraine.		Average Distance.	Passenger Miles travelled.
Launceston St. Leonard's †	3162	-	6391	• 1501	2222	1306	4016	1839	463	<b>33</b> 0	1397	1100	544	1746	26,017		459,483½
Breadalbane †	300 251 679	2236	324 148 276		378 528	379 779	1111	190 222 1254	69 35 390	72 26 314	204 160 501	154 151 507	51 61 236	130 198 580	5776 5022 11,762	111	67,670 60,431‡ 175,318}
Hagley† Westbury Exton† Deloraine	315		107	7 34	86 18	120 233	586 743	433 452	204	324 132	737 256	— 1142	857 666	1284	7086 7984		123,9441
	5451		7308	1802	3332	2817	7075	4390	1268	1198	3255	3054	2415	3938	63,647		227,2871
Average Distance	ļ				<del></del>										<u> </u>	 17•50	
Miles tra-	98,018	387,673	39,158	14,105	35,777	32,405	108,995	72,669	20,859	18,499	63,740	65,381	39,257	117,592			1,114,1314
	ssenger) listance sengers passenge per tra	miles tr travelled carried	avelled per pas d per ti	senger	63,6	131½ n 17·5 n 47 p 39·6 p 0·88 p	passenger niles. niles. assenger assengers	s. A.	verage p mile act Ditto Ditto Ditto	eassenge tually to per tra per pas per trai	r receip avelled in mile senger in	ots per	passeng	er, per n	oile	99 15 0 0 0 1 0 1 3 17	1·33 8·56 11·37

<sup>\*</sup> Includes "Outwards and Inwards." † The direction "Inwards and Outwards" is only shown between the larger Stations.

## R. M. JOHNSTON, Traffic Auditor.

R. W. LORD, Secretary and Manager.

No. 9.

# COMPARATIVE Statement of Traffic and Receipts for 1871-72-73, showing rate of Increase or Decrease.

YEAR.	WORKING	PASSI	engers.	TC	ns.	REC	EII	PTS.						SE OR 1 1871, OR		
I MAIL	DAYS.	Total.	Average per Day.	Total.	Average per day.	Total. Average per Day.				Tons.		Rece	ipts.			
1871	279	58,326	209	13,710	41.4	£ s 12,628 14		£ 45		ı. 3	Increase.	Decrease.	Increase.	Decrease.	Increase.	Decrease.
1872	278	62,225	223.8	18,111	65.1	13,636 €	3	49	1 (	0	7	_	57.4	-	8:37	_
1873 (4 months)	103	31,404	304.7	12,080	117.2	7217 16	3 2	70	1 (	6	45.7	-	183-	_	54.83	-

COMPARATIVE Statement showing relative rate of Increase of Traffic in Grain and other Products, such as Guano, Firewood, Fencing, Lime, &c., taking for comparison the Periods during which the respective Traffics predominate.

## GRAIN.

PERIOD.	WORKING DAYS.	T	ons.	PER-CENTAGE ON FIRST PERIOD.
	<i>D</i> A10.	Total.	Per working Day.	Increase.
3 Months ending 31st April, 1871  Ditto, 1872  Ditto, 1873	77	5453 6993 10,847	79·02 90·81 142·72	14·9 80·6
GUANO, FI	REWOOD,	FENCING,	LIME, &c.	
5 Months ending 31st December, 1871  Ditto, 1872  Ditto, 1873	131 122 	4161 5988 —	31·76 49·08 —	15·4 —

R. M. Johnston, Traffic Auditor.

# No. 10.

## COMPARATIVE Cost of Working Expenses on different English and Colonial Railways.

ENGLISH RAILWAYS.*		
Bristol and Exeter, half-year ending December 31st, 1872  Metropolitan, ditto		st per train mile, s. d. 3 0·24 3 1 3 2 3 6·5
COLONIAL RAILWAYS.		
New South Wales Railways, 1871  Victorian Railways, 1872  Hobson's Bay Railway, ditto  Launceston and Western Railway, for the year 1872  Ditto, for period commencing 12 August, 1872, to 30 April, 1873	-	4 6.86 4 9.73 3 9.74 3 9.24 3 1.6

<sup>\*</sup> Labour in England is from 40 to 50 per cent. cheaper than in the Australian Colonies.

R. W. LORD, Secretary and Manager.

R. M. Johnston, Traffic Auditor.

## No. 11.

## STATEMENT showing the Estimated Cost of New Works required.

									£
Engine Shed with Pits	, at Lau	nceston	-	-		-		-	350
Ditto, Deloraine	´ <b>-</b>	-		-	-		-		200
Additional Goods Shed		nodation	at	Launce	ston	-		-	400
Goods Shed at Hagley	-	-		-	-		-		150
Ditto, Exton	•	-	-	-		-		-	150
•									
	TOTAL	-		<b>-</b> .	-		~		$\pounds 1250$