APPENDIX E.

ANNUAL REPORT ON PUBLIC WORKS BY THE ENGINEER-IN-CHIEF.

The Engineer-in-Chief to the Hon. the Minister for Public Works.

Public Works Office, Wellington, 1st July, 1904. SIR,-I have the honour to submit the following report on the various works completed and in progress throughout the colony during the past year.

RAILWAYS.

ABSTRACT.

The following table shows the expenditure and liabilities on Government railways in New Zealand up to the 31st March, 1904:—

Kaihu Valley	Name of Railway.						Total Length of Railway or Section.	Open for Traffic.	Expenditure to 31st March, 1904.	Liabilities on 31st March, 1904.
Kawakawa-Ğrahamtown							M. ch.	M.ch.	£ s. d.	£ s, d.
Opua Wharf-Hukerenui	Kaihu Valley .				• •		19 40	17 21	55,044 17 1	
Opua Wharf-Hukerenui	Kawakawa-Graham	town							,	
Helensville Northwards to Maungaturoto			i	• • •			33 8	7 41	119,751 8 7	
Helensville Northwards to Maungaturoto	Hukerenui-Gra	hamtow	n				25 20	22 52	157,424 6 7	2.572 7 3
Kaipara—Waikato, with Branches				turoto			53 15	18 41		
Waikato-Thames, with Branches							151 1	151 1		
Thames Valley-Rotorua	Waikato-Thames, w	ith Bra	nches				75 18	62 58		4.296 15 11
Gisborne-Karska 18 25 13 10 88,764 18 8 3,547 9 11	Thames Valley-Rote	orua					69 33			2,200,20
Wellington - Napier and Palmerston North (including Te Aro Extension and Greytown Branch)	Gisborne-Karaka						18 25	13 10		3.547 9 11
Teal of Extension and Greytown Branch 283 12 2,990,713 12 9					th (includ				30,,,,	3,02. 0 22
Wellington-Foxton						_	233 12	233 12	2.090 713 12 9	
Foxton-New Plymouth, with Branches 195 49 1,412,733 15 8 Stratford-Kawakawa 101 0 6 26 41,625 13 7 1 1 8 North Island Main Trunk 210 6 106 20 1,294,349 17 5 9,662 4 5 Nelson-Roundell 22 73 22 73 165,670 11 0 37,988 7 5 107 10 108 10		unu Oz.	J 10 11 1	J. WILLOW,			200 12			
Stratford-Kawakawa		nth wit	h Branc	has			195 49	195 49		
North Island Main Trunk			II DIMIC	1103						1 1 0
Nelson-Roundell			••	• •						
Midland Railway*				••						9,002 4 9
Greymouth-Nelson Creek										27 220 7 7
Greymouth-Hokitika and Ross				• •						57,808 7 5
Westport-Ngakawau Extension to Mokibinui†				• •						F F00 10 1
Westport-Ngakawau Extension to Mokihinui†				••	••					7,760 10 1
Mokihinui Colliery Line	westport-ngakawat	il		σ. 1.11.2	:				,	••
Ngahere-Blackball 2 40	Westport-Ngakawai	ı Exten		Mokinin	uit				• •	••
Greymouth-Coal Creek\$			• •	••	••			:		
Picton-Waipara— Picton-McKenzie 138 15 33 45 327,929 17 5 Waipara-McKenzie 35 0 14 59 121,466 8 8 4,626 0 9 Waipara-McKenzie 483 72 443 8 2,275,010 14 7 Canterbury Interior Main Line—Oxford-Temuka 83 0 11 44 59,343 9 2 Waitaki-Bluff, with Branches 561 48 468 34 3,547,063 17 7 1,959 5 2 0 0 0 0 0 0 0 0 0			• •	• •	••	• •		*	20,630 11 4	3,405 3 11
Picton-McKenzie		eek§	• •	• •	• •	• •	5 1	• • •	• •	
Waipara—McKenzie										
Hurunui-Waitaki, with Branches			• •	• •		• •				
Canterbury Interior Main Line—Oxford—Temuka S3 0					• •					4,626 0 9
Waitaki-Bluff, with Branches 561 48					• •				2,275,010 14 7	
Otago Central				ford-Te	muka					
Invercargill-Kingston, with Mararoa Branch	Waitaki-Bluff, with	Brancl	nes			٠	561 48	468 34	3,547,063 17 7	1,959 5 3
Forest Hill Railway Winton-Hedgehope	Otago Central .				• •		182 56	98 18	1,090,564 0 8	2,513 2 4
Forest Hill Railway Winton-Hedgehope	Invercargill-Kingsto	on, with	Mararo	a Branc	sh	٠.	117 4	97 44	331,321 18 11	
Western Railways	Forest Hill Railway	-Winte	on-Heda	gehope			12 40	12 40	22,733 19 3	5
Preliminary surveys							71 6	62 24	262,660 19 4	l .
Miscellaneous										
Stock of permanent-way on hand .										
Value of permanent-way in hands of Railway Department		-way on	hand				Į.			2.157 13 6
ment 25,000 0 0 36,906 14 36,906 14 36,906 14 36,906 14 36,906 14 36,906 14 36,906 14 36,906 14 36,906 14 36,906 14 36,906 14 36,906 14 36,906 14 37									,910	=,107 10 0
Total		u 11 ay 11	ı ııwı	01 10001	aj 20p				25,000 0 0	
Total		••	••	••	••	• •		i		36 006 14 3
PROVINCIAL GOVERNMENT LINES, ETC. Canterbury (lengths included above)	Trough Brook	• •	• •	••	••	• •		·	0,270,110 10 10	50,500 19 5
Canterbury (lengths included above) 731,759 0 0 Otago 372,522 2 5 Gisborne to Ormond Tramway 4,975 1 7 Midland Railway, Valuation of Works constructed by Company 683,460 3 1	2	rotal [••	••	• •	••	3,222 62	2,324 76	20,085,447 9 8	117,354 12 5
Canterbury (lengths included above) 731,759 0 0 Otago 372,522 2 5 Gisborne to Ormond Tramway 4,975 1 7 Midland Railway, Valuation of Works constructed by Company 683,460 3 1	Da	- 0	D273#7***	T. 73770	mmo.					
Otago 372,522 2 5 Gisborne to Ormond Tramway 4,975 1 7 Midland Railway, Valuation of Works constructed by Company 683,460 3 1					ETC.				E01 E50 0 0	
Gisborne to Ormond Tramway 4,975 1 7 Midland Railway, Valuation of Works constructed by Company		inciude	a above) • •	••		1	!		••
Midland Railway, Valuation of Works constructed by Company		1 177	• •	• •	• •			!		• •
Company								• • •	4,975 1 7	•••
			on of W	orks co	nstructed	bу			400 400 0	
Grand total 3,222 62 2,324 76 21,878,163 16 9 117,354 12 5	Company	• •	••	••	• •	••			683,460 3 1	• •
	(Frand to	otal	••	••	••	3,222 62	2,324 76	21,878,163 16 9	117,354 12 5

^{*}The amount shown as expenditure represents the net amount charged against the colony.
†The funds for this extension—namely, £35,501 2s. 11d.—were provided by the Westport Harbour Board.
†The funds for purchase of this line, £15,745, were provided by the Westport Harbour Board.
†The funds for purchase and completion of this line were provided for out of State Coal Mines Account.
†The expenditure on this line as a tramway was made by the Lands Department.