

Enclosure to Appendix E.
TABLE of LENGTHS of GOVERNMENT LINES AUTHORIZED, CONSTRUCTED, and SURVEYED up to 31st March, 1911.
NORTH ISLAND.

Appropriation.	Division.	Mileage.	Section.	Main Line.	Sidings.	Total.	State of Line.												
							Surveyed.	Under Formation.	Under Plate-laying.	Opened.									
										Date.	1904-5	1905-6	1906-7	1907-8	1908-9	1909-10	1910-11	Total.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Kawakawa-Grahamtown (Onerahi)	Kawakawa	M. chs. 7 16	Opua Wharf - Kawakawa	M. chs. 7 16	M. chs. 0 57	M. chs. 7 73	..	..	..	..	..	..	..	..	..	..	..	..	M. chs. 7 16
	Kawakawa-Kamo	41 48	Kawakawa-Towai .. Towai-Hukerenui .. Hukerenui-Kamo ..	21 18 4 30 16 0	0 61 0 33 8 29	21 79 4 63 19 29	..	..	21 18	2 May, 1910	..	..	..	..	..	..	..	4 30	27 2
	Kamo-Grahamtown	9 22	Kamo-Kioreroa .. Kioreroa-Grahamtown Wharf	6 52 2 50	2 27 1 16	8 79 3 66	..	..	..	..	..	..	..	..	..	..	..	..	..
	Kawakawa-Hokianga	34 12	Kawakawa-Kaikohu .. Kaikohu-Hokianga ..	16 25 17 67	..	16 25 17 67	9 65 17 67	6 40 Prelim.	..	..	..	..	..	..	..	..	..	..	..
Kaihu Valley	Kaihu Valley	19 58	Dargaville-Booms .. Booms-Waima ..	17 21 2 37	0 75	18 16 2 37	..	..	..	..	..	..	..	..	..	..	..	..	17 21
North Auckland Railway	Kaipara Northwards	110 0	Extension .. McCarroll's - Bickerstaffe .. Bickerstaffe-Otamatea .. Otamatea - Kaiwaka .. Kaiwaka-Te Hana .. Te Hana-Wellsford .. Wellsford-Wayby .. Wayby-Tauhoa .. Tauhoa-Kaipara Flats .. Kaipara Flats-Woodcock's .. Woodcock's-Ahuroa .. Ahuroa-Helensville ..	49 31 8 17 4 25 2 45 8 65 3 27 3 18 3 40 2 45 3 5 2 41 18 41	 1 45 1 03 0 58 0 28 0 13 0 13 0 16 0 16	49 31 8 17 4 25 4 10 9 68 4 5 3 46 3 53 2 58 3 21 2 57 20 36	49 31 8 17	estim. estim. 4 25 2 45	..	..	..	..	..	..	..	..	..	..	
			Helensville-Newmarket .. Penrose - Onehunga Wharf	35 73 2 73	6 66 1 70	42 59 4 63	..	..	..	..	..	..	..	..	..	..	..	..	35 73 2 73
Kaipara-Waikato	Kaipara-Newmarket	35 73	Auckland-Te Awamutu	100 13	16 66	116 79	..	..	..	..	..	..	..	..	..	..	..	..	100 13
	Auckland-Penrose— Deviation via Beach	6 50	Deviation via Beach	6 50	..	6 50	6 50	..	..	..	..	..	..	..	..	..	..	..	..
	Auckland City Branch —Kingsland Station to Auckland Station via Western Park and Freeman's Bay	2 60	Auckland City Branch	2 60	..	2 60	2 60	Prelim.	..	..	..	..	..	..	..	..	..	..	..
Surveys, new lines	Pukekohe-Waiuku ..	12 5	Paerata-Waiuku ..	12 5	..	12 5	12 5	..	..	..	..	..	..	..	..	..	..	..	..
	Huntly-Awaroa ..	7 34	Huntly-Awaroa ..	7 34	..	7 34	6 34	1 0	..	..	..	..	..	..	..	..	..	..	..
	Paeroa-Pokeno ..	40 15	Paeroa Pokeno ..	40 15	..	40 15	40 15	..	..	..	..	..	..	..	..	..	..	..	..
Waikato-Thames	Waikato-Thames	62 58	Frankton Junction-Thames	62 58	10 17	72 75	..	..	..	..	..	..	..	..	..	..	..	..	62 58
Paeroa-Waihi	Paeroa-Waihi	12 40	Paeroa-Waihi ..	12 40	1 30	13 70	..	..	..	9 Nov., 1905	..	12 40	..	..	..	..	..	..	12 40
East Coast Railway	Waihi - Opoiki, or East Coast Railway via Matata	124 0	Waihi-Tauranga ..	41 0	..	41 0	41 0	..	..	..	..	..	..	..	..	..	..	..	..
			Tauranga-Te Maunga Junction .. Te Maunga Junction- Te Puke .. Te Puke-Opoiki .. Mount Maunganui - Te Maunga Junction ..	4 0 9 0 70 0 4 27	.. 1 15 .. 4 66	4 0 10 15 70 0 9 13	4 0 ..	.. 9 0	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	..
Hamilton-Cambridge	Hamilton-Cambridge	12 2	Ruakura Junction-Cambridge	12 2	3 14	15 16	..	..	..	..	..	..	..	..	..	..	..	..	12 2
Thames Valley-Rotorua	Thames Valley-Rotorua	69 33	Morrinsville-Rotorua	69 33	5 27	74 60	..	..	..	..	..	..	..	..	..	..	..	..	69 33
Gisborne-Rotorua	Gisborne-Opoiki	93 36	Gisborne Wharf-Kaiteratahi .. Kaiteratahi-Karaka .. Karaka-Puha .. Puha-Waikohu Bridge .. Waikohu Bridge-Waikohu .. Waikohu-Otoko .. Otoko-Rakauaroa .. Rakauaroa-Matawai .. Matawai-Motu .. Motu-Opoiki ..	13 10 5 5 1 75 3 29 0 35 7 75 6 60 5 65 8 0 41 2	2 45 0 71 0 24 .. 0 32 0 32 0 32	15 55 5 76 2 19 3 29 0 67 8 27 7 12 5 65 8 0 41 2	..	..	..	13 April, 1905 20 May, 1907 28 May, 1908 1 April, 1909	..	5 5	..	1 75	..	8 29	0 35	23 74	
			Waikohu-Otoko .. Otoko-Rakauaroa .. Rakauaroa-Matawai .. Matawai-Motu .. Motu-Opoiki ..	7 75 6 60 5 65 8 0 41 2	0 32 0 32	8 27 7 12 5 65 8 0 41 2	..	0 45 3 27 4 75	7 30 3 33	..	..	..	..	..	..	..	..	..	..
New survey	Napier-Gisborne	120 0	Napier-Wairoa River .. Wairoa River-Gisborne ..	58 0 62 0	.. ..	58 0 62 0	58 0 62 0	..	..	..	..	..	..	..	..	..	..	..	..
Napier-Woodville and Palmerston North	Napier-Woodville	96 65	Napier Spit-Woodville	96 65	15 5	111 70	..	..	..	..	..	..	..	..	..	..	..	..	96 65
Wellington-Woodville	Woodville-Palmerston North	17 21	Woodville-Palmerston North	17 21	0 51	17 72	..	..	..	..	..	..	..	..	..	..	..	..	17 21
	Woodville-Wellington	115 79	Woodville-Wellington [Te Aro]	115 79	21 73	137 72	..	..	..	..	..	..	..	..	..	..	..	..	115 79
	Greytown Branch	3 7	Woodside-Greytown	3 7	0 64	3 71	..	..	..	..	..	..	..	..	..	..	..	..	3 7
Rimutaka Incline	Coach road Route ..	9 0	Kaitoke-Featherston ..	9 0	..	9 0	9 0	Prelim.	..	..	..	..	..	..	..	..	..	..	..
Deviation Surveys	Tauherenikau Route ..	21 30	Upper Hunt Woodside ..	21 30	..	21 30	21 30	..	..	..	..	..	..	..	..	..	..	..	..
	Wainui-o-mata Route ..	31 40	Petone-Pigeon Bush ..	31 40	..	31 40	31 40	..	..	..	..	..	..	..	..	..	..	..	..
	Coast Route ..	52 0	Petone-Pigeon Bush	52 0	..	52 0	52 0	..	..	..	..	..	..	..	..	..	..	..	..
	Coast Route ..	70 0	Petone-Carterton, via Martinborough ..	70 0	..	70 0	70 0	..	..	..	..	..	..	..	..	..	..	..	..
	Wellington-Manawatu	83 37	Wellington-Longburn	83 37	15 76	99 33	..	..	..	7 Dec., 1908†	..	..	..	..	..	..	..	..	83 37
Foxton-New Plymouth	Foxton-Patea	120 44	Foxton-Patea	120 44	14 75	135 39	..	..	..	..	..	..	..	..	..	..	..	..	120 44
	Route Improvement	26 7	Turakina-Matarawa	11 67	..	11 67	11 67	..	..	..	..	..	..	..	..	..	..	..	..
			Aramoho-Goat Valley Tunnel .. Kai Iwi-Okehu .. Nukumaru-Waitotara .. Patea-New Plymouth Breakwater .. Bull's Branch .. Wanganui Branch .. Stratford-Toko .. Toko-Oruru .. Oruru-Huiroa .. Huiroa-Te Wera .. Te Wera-Pohokura .. Pohokura - Whangamomona ..	7 40 3 60 3 0 72 29 3 79 3 29 6 26 4 72 4 50 6 77 8 55 6 13	 11 52	 84 1 3 79 2 23 0 40 0 36 0 35 1 16 0 65 6 13	 3 79 5 52 6 66 5 28 5 5 8 13 9 40 6 13	..	..	..	..	..	..	..	..	..	..	..	..
			Surveyed .. Mangaroa-Puketutu .. Aramatai-Hangatiki ..	63 27 33 40 14 0	.. .. ..	63 27 33 40 14 0	63 27 33 40 14 0	Prelim. Prelim. Prelim.	..	..	..	..	..	..	..	..	..	..	..
			Opunake-Eltham .. Opunake-Te Roti .. Opunake-Stratford .. Manganui Section .. Te-popo Section .. Marton Junction-Mangaweka .. Mangaweka-Taihape .. Taihape-Mataroa .. Mataroa-Waiouru .. Waiouru-Erua .. Erua-Taumarunui .. Taumarunui-Te Awamutu ..	23 10 22 0 25 58 6 0 3 48 31 67 13 1 5 70 18 10 30 63 35 65 74 33	 2 3 3 48 4 61 1 61 0 61 6 20	23 10 22 0 25 58 8 3 3 48 36 48 14 62 6 51 97 28 .. 80 53	23 10 22 0 25 58 8 3 3 48 ..	Prelim. Prelim. Prelim.	..	..	..	..	..	..	..	..	..	..	..
			Ohakune to Mokau-Retaruke Divide .. Makatote Gorge-Marae Kowhai .. Marae-Kowhai-Ohura Valley .. Ngairu Section .. Tangarakau Section .. Heao Section .. Ohura Section .. Waitara Section .. Urenui to Tangitutu River .. Hastings-Te Awamutu ..	34 0 20 0 20 0 38 73 26 0 10 70 27 75 46 75 12 0 170 0	.. .. .. .. .. .. .. .. .. ..	34 0 20 0 20 0 38 73 26 0 10 70 27 75 46 75 12 0 170 0	34 0 20 0 20 0 38 73 26 0 10 70 27 75 46 75 12 0 170 0	Prelim. Prelim. Explor. Prelim. ..	..	..	..	..	..	..	..	..	..	..	
			Ngairu Section .. Tangarakau Section .. Heao Section .. Ohura Section .. Waitara Section .. Urenui to Tangitutu River .. Hastings-Te Awamutu ..	38 73 26 0 10 70 27 75 46 75 12 0 170 0	.. .. .. .. .. .. ..	38 73 26 0 10 70 27 75 46 75 12 0 170 0	38 73 26 0 10 70 27 75 46 75 12 0 170 0	 Prelim. ..	..	..	..	..	..	..	..	..	..	..	
North Island Main Trunk Railway	Central Route—Deviation Surveys	30 0	Ohakune to Mokau-Retaruke Divide .. Makatote Gorge-Marae Kowhai .. Marae-Kowhai-Ohura Valley .. Ngairu Section .. Tangarakau Section .. Heao Section .. Ohura Section .. Waitara Section .. Urenui to Tangitutu River .. Hastings-Te Awamutu ..	30 0 34 0 20 0 38 73 26 0 10 70 27 75 46 75 12 0 170 0	.. .. .. .. .. .. .. .. .. ..	30 0 34 0 20 0 38 73 26 0 10 70 27 75 46 75 12 0 170 0	30 0 34 0 20 0 38 73 26 0 10 70 27 75 46 75 12 0 170 0	Prelim. Prelim. Explor. Prelim. ..	..	..	..	..	..	..	..	..	..	..	
			Ngairu Section .. Tangarakau Section .. Heao Section .. Ohura Section .. Waitara Section .. Urenui to Tangitutu River .. Hastings-Te Awamutu ..	38 73 26 0 10 70 27 75 46 75 12 0 170 0	.. .. .. .. .. .. ..	38 73 26 0 10 70 27 75 46 75 12 0 170 0	38 73 26 0 10 70 27 75 46 75 12 0 170 0	 Prelim. ..	..	..	..	..	..	..	..	..	..	..	
			Ngairu Section .. Tangarakau Section .. Heao Section .. Ohura Section .. Waitara Section .. Urenui to Tangitutu River .. Hastings-Te Awamutu ..	38 73 26 0 10 70 27 75 46 75 12 0 170 0	.. .. .. .. .. .. ..	38 73 26 0 10 70 27 75 46 75 12 0 170 0	38 73 26 0 10 70 27 75 46 75 12 0 170 0	 Prelim. ..	..	..	..	..	..	..	..	..	..	..	
			Ngairu Section .. Tangarakau Section .. Heao Section .. Ohura Section .. Waitara Section .. Urenui to Tangitutu River .. Hastings-Te Awamutu ..	38 73 26 0 10 70 27 75 46 75 12 0 170 0	.. .. .. .. .. .. ..	38 73 26 0 10 70 27 75 46 75 12 0 170 0	38 73 26 0 10 70 27 75 46 75 12 0 170 0	 Prelim. ..	..	..	..	..	..	..	..	..	..	..	
			Ngairu Section .. Tangarakau Section .. Heao Section .. Ohura Section .. Waitara Section .. Urenui to Tangitutu River .. Hastings-Te Awamutu ..	38 73 26 0 10 70 27 75 46 75 12 0 170 0	.. .. .. .. .. .. ..	38 73 26 0 10 70 27 75 46 75 12 0 170 0	38 73 26 0 10 70 27 75 46 75 12 0 170 0	 Prelim. ..	..	..	..	..	..	..	..	..	..	..	
			Ngairu Section .. Tangarakau Section .. Heao Section .. Ohura Section .. Waitara Section .. Urenui to Tangitutu River .. Hastings-Te Awamutu ..	38 73 26 0 10 70 27 75 46 75 12 0 170 0	.. .. .. .. .. .. ..	38 73 26 0 10 70 27 75 46 75 12 0 170 0	38 73 26 0 10 70 27 75 46 75 12 0 170 0	 Prelim. ..	..	..	..	..	..	..	..	..	..	..	
			Ngairu Section .. Tangarakau Section .. Heao Section .. Ohura Section .. Waitara Section .. Urenui to Tangitutu River .. Hastings-Te Awamutu ..	38 73 26 0 10 70 27 75 46 75 12 0 170 0	.. .. .. .. .. .. ..	38 73 26 0 10 70 27 75 46 75 12 0 170 0	38 73 26 0 10 70 27 75 46 75 12 0 170 0	 Prelim. ..	..	..	..	..	..	..	..	..	..	..	
			Ngairu Section .. Tangarakau Section .. Heao Section .. Ohura Section .. Waitara Section .. Urenui to Tangitutu River .. Hastings-Te Awamutu ..	38 73 26 0 10 70 27 75 46 75 1															

NOTE.—For detail information as to dates of openings of lines as are not given in this table see columns 11 to 49 of tables of lengths of lines in Public Works Statement 1904-5.

* Approximate.

† Date of purchase.

NOTE.—Taonui and Lichfield Branches not mentioned above, as the rails have been taken up.