

pletion), Windermere (part), Lambton, Addington, Opahi, Ikamatua (part), Waipahi (part), Ngaruawahia (part), Morrinsville (part), Johnsonville (part), Matamata (part), Makotuku, Winton, Orari, Waipara (part), Otorohanga (part), Taumarunui (part), Lyttelton (part), Christchurch, New Lynn (part), Henderson, Sefton, One Tree Point (part), Woodlands (part), Fordell (part), Wanganui (part), Featherston, Cambridge, Frankton, Orehunga Town, Opuā, Morning-side, Ohakune, Te Kuiti Quarry, Rata, Shannon, Palmerston North, Mangaroa, Porirua, Whakatu, Khandallah, Paremata, Awatoto, Plimmerton, Albury, Motukarara, Little River, Oamaru, Five Rivers, Huntly (completion), Otane (completion); additions to water-services, Pukekohe (completion), Ruakura (completion), Opapa, Upper Hutt, Mercer (part), Frankton, Papakura, Dannevirke, Invercargill (completion); new houses, Whangarei, Owaka (completion), Ohakune (completion), Riccarton, Glenomaru, Te Kuiti, Springfield, Ohakune (part), Mokoia (part), Tariki (part), Taihape (part), Heriot (part), Marton (part), Ranfurly, Taumarunui (part), Khandallah (part), Dargaville; purchase of land, Riccarton, Palmerston South, Malvern, Johnsonville, Te Kuiti, Waipukurau, Woodhill, Belfast, Greymouth, Eastown; removing houses, Ngaruawahia; new station buildings, Riccarton, Mamaku; goods-sheds, Okahukura, Invercargill, Te Mawhai; goods-shed additions, Coalgate, Newmarket, Taumarunui, Dashwood (completion); goods-shed over discharging-road, Wanganui; verandas over goods-shed doors, Christchurch; veranda, Hangatiki; extension of veranda, Greymouth (part); extension of platforms, Te Aroha; stockyards, Ngapuna, Okahukura, Richmond, Windermere (part), Te Mawhai; footwarmer furnace-shed, Frankton; fire-brigade shed, Napier; wagon-repair sheds, Wanganui, Frankton, Dargaville; Westinghouse-brake shed, Whangarei; office for Loco. Engineer, Greymouth; loco. office, Frankton; social halls, Balclutha, Palmerston South; enlarging railway library building, Invercargill; engine-depots, Linwood (part), Paekakariki (completion), Newmarket (completion); engine-shed additions, Napier; engine-turntable, Otira; additions to workshops, Newmarket (part), Napier; electric-light installations, Te Kuiti, Mosgiel; wharf-extension, Opuā (completion); slipway, Lake Wakatipu (part); reclamations, Bluff (completion), Mechanics Bay (part), Thorndon (completion); widening Mangere Bridge over railway at Orehunga Wharf; overbridges, Mount Eden (completion), Penrose (part); crossing siding between Halcombe and Feilding (completion); extension of crossing, Matamau; tunnel duplication at Auckland (Parnell) (part); grade improvements, Auckland, Mercer (part), Koromiko-Tuamarina, Kakariki (part); duplication of line, Lower Hutt, Hayward's; half-cost of 75 M.B. wagons transferred from Dunedin-Mosgiel doubling-works; accommodation for wagon seating-gear, Penrose; connecting-clocks, "Magneto" time-system, Auckland; crane, Tuakau; approach road, Waipawa; widening Dominion Road, Auckland; connecting latrines with borough sewer, Te Kuiti, Gisborne, Gore; ballast-loading plant, Mount Egmont; fencing, Otago Central Railway.

*Miscellaneous Works.*—Additions and improvements were carried out during the year amounting to £9,562, which was charged to working-expenses. The principal works were: Additions and improvements, Papatoetoe (completion), Christchurch (completion), Kai Iwi, Whangarata, Puha, Kaituna; siding additions and alterations, Chertsey, Porewa; additions to houses, Papatawa, Kai Iwi, Kaipara Flats, Porirua, Mount Albert (part); hot-water services at houses, Ohakune, Taihape, Rangataua; water-supply to houses, Taihape; engine-shed additions, Taihape, Arthur's Pass; new goods-sheds, Riversdale, Tariki; additions to goods-sheds, Newmarket (part); fire-prevention at goods-sheds and engine-depot, Dunedin (completion); new stockyards, Arthur's Pass; additions to water-services, Duntroon, Otahuhu (part), Kai Iwi, Paekakariki, Papakura, Kohatu (part), Belgrove (part), Waiouru, Waipukurau, Frankton, Upper Hutt, Brightwater, Waipuku; water-service to carriage-washing sidings, Auckland; drainage to cottages, Frankton; sanitary improvements, Taihape (part); latrines, Mangaroa; connecting W.C. at Stationery-store, Wellington, with city sewer; veranda and platform extensions, Sheffield, Matamata, Kaukapakapa Goods-shed; platform, &c., at Egmont Box Company's Siding, Winiata; lighting stations, Reefton (electric light), Taihape (electric light) (part), Paekakariki engine-depot (gas), Papatoetoe (gas); additional lighting, Waipukurau, Masterton (gas); loading-accommodation, Cliff Road, Evansdale, Rotomanu, Seddon; rifle range, Auckland, and improvements to rifle ranges, Wellington and Auckland; deviation of line at Bonny Glen (completion); alterations to barriers, Trentham; protecting skylights with wire netting, Addington shops; store for I.P.W., Taihape; office for loco. foreman, Cross Creek; removal of house from Christchurch to Waipara; weighing-pit and storeroom, Hillside Workshops; additional loco. accommodation, Gisborne; purchase of land, Dargaville, Wiltonbridge, Templeton; level crossing, Morrinsville.

*Doubling and Improvement of Lines.*—Dunedin-Mosgiel: This work is practically completed. Double-line working through from Dunedin to Mosgiel was brought into operation on the 1st June, 1914.

Grade improvements, North Island Main Trunk line: £28,728 was spent during the year. The loads of north-bound trains from Mercer are largely increased. A very small amount of work will complete the improvements between Paerata and Mercer.

The deviation from Paerata Station northwards to 24½ m., reducing the grade against south-bound trains from 1 in 40 to 1 in 100, will be completed during the year 1915-16.

The deviation and grade-easement at Kakariki has been put in hand.

Grade-easements at Koromiko and Tuamarina-Picton line have been completed.

Parnell Tunnel duplication: The tunnel was completed on the 5th March, 1915; one track laid and in use on the 28th March, 1915. The second line is now being laid. The line through the old tunnel will give relief in times of very heavy traffic.

*Mechanics Bay Reclamation.*—This work has been continued by the Auckland Harbour Board under agreement with the Department, and will be finished during the coming financial year. Expenditure for the year, including purchase of land, £37,999. Arrangements have been made for the construction of the new 100 ft. road.