

Victoria Valley—Mangonui.—1 $\frac{3}{4}$ miles of this section has been reconstructed and metalled.

Te Karae—Mangamuka.—During the year this highway has been reconstructed from Tutekehua through the Mangamuka Gorge for a length of 3 miles.

Kohukohu—Te Karae.—A length of 2 miles 30 chains within the Hokianga County has been formed, and a total length of 3 miles of lower-course metalling completed.

Kawakawa—Mangamuka.—Rangiahua—Mangamuka Section: 5 $\frac{1}{4}$ miles of this section has been reconstructed.

Waimamaku—Ohaeawai.—Bay of Islands County Section: A length of 45 $\frac{1}{2}$ chains of this highway has been formed and metalled between Kaikohe and Ohaeawai. The Taheke deviation, extending over a distance of 91 chains, has also been formed.

Mangatoa Bridge: The erection of this bridge is in hand.

Hokianga County Section: The bridge over the second crossing of the Pakanae River has been completed, and that over the third crossing is in hand.

Waimamaku—Pakanae Section: 2 miles 4 chains of this section had been re-formed and metalled.

Maungatapere—Kaikohe.—Whangarei County Section: A number of bad corners have been improved, and the surfacing has been strengthened between Parakao and Titoki. Beyond Pakotai the metalling has been extended 1 mile 17 chains. In the Mangakahia Gorge over 1 $\frac{1}{2}$ miles of highway has been widened. Work has also been undertaken in the Awarua Gorge.

Bay of Islands County Section: A further 4 miles of formation and 3 $\frac{1}{4}$ miles of metalling south of Kaikohe have been carried out.

Ruakokopu Bridge: This bridge, consisting of two 30 ft. spans, of rolled-steel-joist construction on ironbark piles, has been completed.

Whangarei—Kawakawa.—Whakapara Bridge: A new bridge, consisting of three 40 ft. spans of rolled-steel-joist construction with hardwood superstructure, is in hand.

Hukerenui—Kawakawa Section: 78 chains of this section has been metalled.

Wayby—Maungaturoto.—Mainene Bridge: The concrete pier and abutments have been completed.

Breakneck Valley Bridge: The concrete piers for this bridge have been completed, and the rolled-steel joists placed in position.

Topuni Bridge Approaches: These approaches have been metalled.

Kaiwaka—Maungaturoto: 21 chains of re-forming and metalling have been completed north of Kaiwaka.

Kaiwaka—Mangawai.—44 chains of formation and metalling of this highway are in hand.

Dargaville—Maungaturoto.—Hardie's Bridge—Junction at Paparoa: 2 miles of this section has been re-formed and metalled.

Hardie's Bridge: This bridge, consisting of five 40 ft. spans, is being built.

Donovan's Deviation: A foundation course of sandstone has been placed on 60 chains of this deviation.

Waiwera—Mangawai.—Hotoe River Bridge: This reinforced-concrete bridge and approaches were completed during the year.

Falls Creek Bridge: This bridge, consisting of one 30 ft. span, rolled-steel joists, and hardwood superstructure on concrete abutments, has been completed.

Tomorata—Mangawai Section: 64 $\frac{1}{2}$ chains of formation on this section has been completed, and the metalling is in hand. This work will provide a completely metalled surface between Mangawai and Tomorata.

Warkworth—Kaipara Flats.—60 chains of wearing-course metal has been laid during the year.

Helensville—Waiwera.—Wainui—Waiwera Section: A length of 1 mile 11 chains has been formed and surfaced with gravel.

Auckland—Wainui, via Birkenhead.—Birkenhead—Albany: A contract has been underway on this section for two years, but the progress has not been satisfactory. Half of the formation work has been completed, and metalling is in hand.

Albany—Dairy Flat Section: A lower course of limestone has been laid for a distance of 64 chains beyond the Pukeatua Trig.

Kumeu—Albany.—North of Riverhead 105 chains of this section has been formed and metalled.

Auckland—Helensville.—An 18 ft. concrete pavement has been completed between Auckland City and the northern boundary of Henderson Town District.

Waitakere Section: 73 chains of lower-course metalling has been carried out on this section.

Great South Road.—The construction of the concrete pavement through the Ellerslie Town District, Manukau County, Papatoetoe Town District, Manurewa Town District, and Papakura Town District is well in hand. 7 miles 29 chains has been completed and the remainder is well under way.

Bombay Hills Deviation: 4 miles of this deviation has been formed and all necessary culverts installed.

Mercer—Ngaruawahia: 66 chains of first-coat bituminous sealing has been carried out near Whangamarino Station.

Pokeno—Waihi.—At Waitakaruru a length of 3 miles 48 chains of widening and metalling has been completed. An additional span of 15 ft. has been added to the Waitakaruru Stream Bridge.

Pokeno—Waihi Junction to Coromandel.—A ferry has been installed at Pipiroa.

Waihou River Bridge: Twelve piers of this bridge have been completed and steel girders have been placed in position over eight spans. The piles for the central swing span are being driven. Material for the approaches to this bridge is being obtained from the river by means of a dredge.

Thames County Section: A deviation 51 chains in length has been completed near Waikawau.

Kopu—Raglan.—Kopu—Wharehoe Stream: 2 miles of this section has been reconstructed in preparation for sealing.