

Metalling: Top-course metalling was carried out over a total length of 4 m. 21 ch. This completes the metalling on all lengths of reconstruction work between Puhoi and Warkworth, a total length of 8 m.

Warkworth-Dome-Wayby Section—Culverts: One reinforced-concrete culvert, one water-drive, and 1,138 ft. of pipe culverts have been installed.

Formation: The deviation on the southern side of the Dome Hill has been commenced, and four earthwork contracts are in hand.

Metalling—Base Course: A total of 2 m. 46 ch. of base-course metal was laid between 19 m. 10 ch. and 23 m. 25 ch. Top-course metal was laid on short lengths between 20 m. 41 ch. and 23 m. 25 ch.

Wayby - Wellsford - Te Hana - Topuni Sections—Bituminous surfacing: A length of 9 m. 33 ch. has received a first sealing-coat, on one mile of which the second coat has been applied, and contracts have been let for a further 4 m. 1 ch. of first- and 7 m. 22 ch. of second-coat work.

Auckland-Maungaturoto (No. 2 Highway District).—Waitemata County Section: 56 ch. of bituminous-penetration surfacing was completed.

Great South Road.—Manukau County Section—Tamaki Bridge: The reconstruction work, including the widening of the approaches, has been completed. 8 ch. of concrete pavement was included in this work, and a length of 15 ch. has also been paved at Westfield Overbridge.

Franklin County Section: A deviation is in hand south of Ramarama.

Bombay Hills Deviation: A contract was let for metalling 5½ m. of the deviation. At the end of the year this work was two-thirds completed, and is now complete and in use by traffic.

Waikato County Section: Between Mercer and Ohinewai a further 26 ch. of bituminous penetration was laid, and between Taupiri and Ngaruawahia a length of 3 m. 75 ch. was completed by contract, including the improvement of the Hopu Hopu Railway crossing. The old Ngaruawahia Railway Bridge, 430 ft. long, was converted for road traffic, and 15½ ch. of approaches formed and metalled. The approaches to the Whangamarino, Rangiriri, and Te Onetea Stream Bridges, a total length of 23 ch., were metalled and surfaced with bitumen.

Auckland-Helensville-Waiwera.—New Lynn Borough—Whau Bridge: The reconstruction of this bridge has been proceeded with during the year, the bridge itself being completed in December and opened for traffic. The construction of parapets and approaches, and the completion of the concrete paving work is in hand.

Waitemata County Section: Brigham's Creek Bridge has been completed.

Pokeno-Waihi.—Franklin County Section—Mangatawhiri Stream: Widening of the stream to 40 ft. has been carried out for a distance of 1 m. 70 ch. to low-water level, affording an appreciably better discharge for flood-waters.

Hauraki Plains County Section: A contract was let for 8 m. 68 ch. of bituminous sealing.

Ohinemuri County Section: A considerable amount of widening has been carried out in the Karangahake Gorge.

Waihi Borough: 1 m. 42 ch. of bituminous sealing was carried out, completing the sealing of the highway through this borough, with the exception of a length of 8 ch.

Pipiroa-Coromandel.—Thames County Section: The reconstruction of the approach to the Kaueranga Bridge is in hand, and the earthwork and metalling have been completed. Widening has been carried out through the borough, including the construction of a concrete sea wall near Tararu.

Thames County Section: A length of this section north of the borough is being widened, and a sea wall 8 ch. in length has been erected in Loughlin's Bay.

Kopu-Raglan.—Ohinemuri County Section: The Komata Bridge, consisting of three 35 ft. spans, in steel and concrete, was completed.

Te Aroha Borough: A considerable amount of widening of the bituminous surfacing has been undertaken.

Piako County Section: The widening of the Waitoa Bridge to 20 ft. is in hand. Between Waitoa Stream and Waiharakeke Stream a contract for the reconstruction and bituminous sealing of 3½ m. is in hand, and the first sealing coat has been applied. From Waiharakeke to the County boundary sealing has been completed, except for 8 ch. at the Piako Bridge; a length of 1 m. 60 ch. of reconstruction, and 4 m. 60 ch. of sealing being carried out during the year. Improvements have been made at the Piako Railway Crossing.

Raglan County Section: A contract was let for the formation and metalling of the deviation across the Raglan Town Hill, a length of 44½ ch., and the work has been practically completed.

Hamilton-Rotorua.—Waikato County Section: Reconstruction and bituminous-penetration surfacing were carried out between Hamilton and Hillcrest over a distance of 61.40 ch.

Matamata County Section: Between Cambridge and Tapapa a further 1 m. 4 ch. was widened and top-dressed with shingle, and a length of 2 m. 8 ch. near the Waimakariri Stream was improved by widening, deviations, and metalling.

Northcote Road.—Northcote Borough: The shoulders on the eastern side of the concrete pavement have been sealed with bitumen.

Titirangi Road.—The concrete paving of the full length of this highway was completed during the year, with the exception of 12 ch. adjacent to the railway crossing at New Lynn.

Mount Albert - Royal Oak.—A contract was let for paving the half-width of this highway between Sandringham Road and Vincent Road, and the work has been commenced.

Te Awamutu - Cambridge.—Leamington Town District: A length of 10 ch. was sealed with two coats of tar.

Ngaruawahia-Waingaro.—A further 1 m. 73 ch. has been widened, and 1 m. 57 ch. metalled.

Pukekohe - Glen Murray, via Tuakau.—Raglan County Section—Tuakau Bridge: A contract was let for the construction of a new reinforced-concrete bridge, consisting of six 110 ft. bowstring trusses and one 35 ft. girder span, over the Waikato River, and the work is in progress.