Opotiki-Matawai via Waioeka (Opotiki and Waikohu Counties).—68½ ch. of road 16 ft. wide were used 48 ch. metalled 12 ft. wide, and concrete-pipe culverts installed. This road has given a great formed, 48 ch. metalled 12 ft. wide, and concrete-pipe culverts installed. deal of trouble during the year, owing to the large number of slips that have come down, the country being very steep. A contract has been let for the erection of a bridge over the Manganuku Stream. This bridge will be 111 ft. long, rolled-steel joists on concrete piers and abutments. This road, when completed, will be the main connection between Opotiki and Gisborne districts.

Petipeti Bridge (Takaputahi Road), (Opotiki County).—This bridge, consisting of one 61 ft. hardwood truss span and one 25 ft. stringer span on hardwood-pile piers and concrete abutment, was

completed.

Waioeka - Opata Junction to Redpath's (Opotiki County).—281 ch. of road 12 ft. wide formed and

concrete-pipe culverts placed.

Mamaku Village Streets (Rotorua County).—50 ch. of formation 14 ft. to 16 ft. wide, 37 ch. of metalling with rhyolite 12 ft. wide, and concrete culverts were placed.

Te Matai Road (Rotorua County).—This road was metalled over a distance of 82.7 ch. with

rhyolite 10 ft. wide.

Sunset Road (Rotorua County). -90 ch. of road formed 13 ft. wide and concrete-pipe culverts

Pongakawa School Road (Tauranga County) .-- 70 ch. of formation 16 ft. wide was completed and culverted.

Wharawhara Stream Bridge (Tauranga County).—One 60 ft. hardwood-timber bridge 12 ft. wide

Kopuriki Bridge (Whakatane County).—This bridge, 220 ft. long, consisting of rolled-steel joists on hardwood-pile piers was creeted during the year.

McLean's Road (Whakatane County). -95 ch. of road metalled 10 ft. wide.

Urewera Block Roads (Whakatane County).—108 ch. of road was formed 12 ft. wide and culverted. Whakatane Traffic Bridge (Whakatane County).—42 ch. of road were formed 18 ft. wide and metalled Two hardwood bridges totalling 154 ft. in length were erected on hardwood-pile piers.

Hangaroa-Tahora (Cook County).—On this road \(\frac{3}{4} \) m. of bottom course and \(\frac{3}{4} \) m. of top course was put down. The bottom course is now completed on this road 20 m. from its junction with the Hangaroa Main Highway. There are still $3\frac{1}{2}$ m. of top-course metal required.

Mangapoike Road (Cook County).—On this road 2 m. of formation has been carried out by the

Department, and 1½ m. of bottom- and top-course metalling has been completed by the Cook County There is still 5 m. of metalling required to complete to the Wairoa and Cook County Council. boundaries.

Waiomuku Bridge (Cook County).—A light traffic suspension bridge was erected over the bruku Stream; length, 110 ft. This bridge eliminates a very bad crossing and gives very much Waiomuku Stream; length, 110 ft. improved access to some excellent country.

**Karakatuwhero (Matakaoa County).— $\frac{3}{4}$ m. of formation was completed in the Karakatuwhero Valley, which cuts out a bad section of river-bed.

Potaka-Waikura (Matakaoa County).—12 m. of formation has been completed along the Oweka Stream. Surveys are in hand for the balance of this road. At present the traffic follows the bed of the Oweka Stream from Potaka to Waitangihea, 4 m.

Te Araroa – East Cape (Matakaoa County). $\frac{3}{4}$ m. of formation has been completed. It is now formed road for $1\frac{1}{2}$ m. from Te Araroa on this route. Beyond this point access is via the beach.

Armstrong - Makari Road (Waikohu County).—On this road 134 ch. of dray-road and 40 ch. of bridle-track have been completed, giving access to the Armstrong Road from the Waipaoa River.

Ngatapa-Wharekopae (Waikohu County).—2 m. of metalling has been completed. A bridge. rolled-steel joists, 54 ft. in length, has been erected across Boundary Creek.

Matawai-Hangaroa (Waikohu County).-21 m. of formation has been completed, and the engineering surveys for a further $2\frac{1}{2}$ m. to link up with the Wharekopae-Tahora Road are in hand. When completed, this road will give the Tahora and Wharekopae settlers access to the railway at Matawai.

Poroporo Road (Uawa County).—14 m. of formation has been completed during the year. replaces portion of the road destroyed by flood in 1916, and will ultimately provide access to the Poroporo Block, now being subdivided for settlement.

Maraehara Road (Waiapu County).—1 m. of formation has been completed on this road, which gives access to a considerable area of Native country.

Te Hue Road (Waiapu County).—65 ch. of metalling has been completed. This road gives access to a soldier settlement.

Erua Road (Kaitieke County).—2 m. of formation and 20 ch. of metalling have been completed. Heao Station Road (Ohura County).—2\frac{3}{4} m. of formation completed.

Kururau Road (Taumarunui County).—3 m. of this road has been re-formed and culverted.

Taumarunui-Taringamotu Road (Taumarunui County).—63 m. of this road has been re-formed and culverted.

Mangaokewa Road (Waitomo County).—44 ch. of formation and metalling have been completed. Waipa Stream Bridges (Waitomo County).—Two bridges, total length 108 ft., have been erected.

Wiremu Road (Egmont County).—The formation of this road has been carried out as a relief work employing from thirty to forty men. 4 m. 8 ch. of 14 ft. road has been constructed.

Egmont National Park (Northern Road), (Taranaki Road).—4 m. 8 ch. of this road has been widened and reconstructed, and 3 m. 28 ch. was remetalled and sealed with bitumen.

Makakahi Road (Waimarino County).—1 m. 58 ch. of bush cleared and 1 m. 58 ch. of 12 ft. roa formed.