127 D.—1.

Pukekohe - Glen Murray, via Tuakau.—Raglan County Section: Waikato River Bridge - Tuakau-The erection of this bridge, a reinforced-concrete bowstring-truss structure, 695 ft. long, was practically completed by the end of the year.

Cambridge-Eureka.—Waikato County Section: 25 ch. of tar-sealing was carried out near the Hautapu

Factory.

Parkhurst Highway.—A contract for the reconstruction and sealing of 14 m. of this highway was completed.

Waikumete - West Coast.—Glen Eden Town District: The reconstruction of Kearon's Bridge, a single 40 ft. reinforced-concrete span, was completed, and the approaches metalled.

Howick-Manurewa.—Manukau County Section: Cemetery Bridge—The erection of a new bridge was put in hand.

Ngatea-Waharoa, via Morrinsville.—Piako County Section: A length of 1 m. 72 ch. south of Tahuna Township was sealed in bitumen.

Gisborne-Whakatane, via Motu (No. 3 Highway District):-

Whakatane Borough: 28 ch. was sealed in one coat of bitumen.

Whakatane County Section: The construction of a 10 ft. by 8 ft. reinforced-concrete culvert to replace Ball's Bridge has been commenced.

Tauranga-Whakatane.—Tauranga County Section: Te Puke-Tauranga—1 m. at the Long Swamp was sealed with three coats of bitumen, and the contract for the three-coat sealing of 9 m. 30 ch. was carried to completion.

Waihi-Tauranga :-

Tauranga County Section: A deflecting groyne was erected at the Judea Bridge, and sheet-piling driven to prevent erosion at the western abutment

1 m. of two-coat sealing was carried out at the Judea Hill.

Matamata-Tauranga.—Tauranga County Section: White's Bridge—The old timber bridge was replaced with a reinforced-concrete box culvert.

Rotorua-Whakatane:

Whakatane County Section: At the Tamurenui Stream a deviation 15 ch. in length with a concrete-pipe culvert was constructed, replacing an old bridge and improving the alignment.

Whakatane Borough: 30 ch. was sealed with one coat of bitumen.

Rotorua County Section: Embankments and curves have been built up and 242 ft. of guard fencing erected.

Gisborne-Opotiki, via Waioeka:-

Waioeka Pa - County Boundary Section: Owhiritoa Bridge—This bridge, consisting of one 40 ft. rolled-steel-joist span and two 20 ft. hardwood spans, was completed.

Arthur's Bridge: A 32 ft. rolled-steel-joist span on reinforced-concrete abutments was completed.  $2\frac{1}{2}$  ch. of concrete retaining-wall, and  $22\frac{1}{2}$  ch. of guard fence were erected.

Papamoa - Mount Maunganui.—40 ch. of metalling has been completed.

Wainui Highway.—A two-span bridge 45 ft. long, in hardwood, has been crected to replace the old bridge over the Wainui Stream.

Gisborne-Opotiki, via Coast:

Uawa County Section: A contract was let for the reconstruction and bituminous surfacing of a length of 6 m. The work is in progress, 3 m. having been widened and the foundation course reshaped and strengthened.

Waiapu County Section: Shepherd's Bridge at 53·1 m.—This reinforced-concrete bridge of

26 ft. span was completed.

A contract has been let for the construction of stone grownes to protect the approach to the Rotokautuku Bridge.

Gisborne-Wairoa, via Morere (No. 4 Highway District).—Cook County Section: 98 ch. of bituminous surfacing was completed on the deviation at Muriwai. Tenders have been called for the erection of a 120 ft. bridge with 10 ch. of approaches to replace an old timber structure at 17½ m.

Gisborne-Opotiki, via Motu (No. 4 Highway District).—Waikohu County Section: A contract for four steel-and-concrete bridges between 28.7 m. and 34.6 m., aggregating 336 ft. in length, with 47 ch. of approaches, was entered into, and the work carried well towards completion.

Rotokautuku-Waiomatatini.—Wairoa Stream Bridge: The construction of this bridge and 32 ch. of approaches was completed.

Matawai-Koranga.—Between 2 m. and 5 m., 2 m. was widened and metalled in continuation of the improvement of the alternative route to Opotiki.

Kanakanaia Highway.—A contract has been let for the erection of a four-span bridge at the No. 1 crossing of the Waihora Stream to replace the structure destroyed by flood.

Gisborne-Wairoa, via Hangaroa (No. 4 Highway District).—Cook County Section: A new road has been constructed over a large slip at  $30\frac{1}{2}$  m. caused by the earthquake of 16th September, 1932. A bituminous sealing coat has been applied over a length of 1 m.

Patutahi-Rere.—Cook County Section: Flood damage necessitated the reconstruction of a length of 27 ch., and the bridge at 5 m. was replaced with a 4 ft. diameter twin-pipe culvert.

Napier-Gisborne, via Wairoa (No. 5 Highway District):—
Hawke's Bay County Section: Napier Borough Boundary to Te Ngaru Crossing—A length of 12 ch. between the borough boundary and the Westshore embankment was reconstructed and sealed with two coats of bitumen.

Te Ngaru Crossing to Tutira Homestead Gate—A length of 1 m. was widened and metalled, and 23 ch. of drain 20 ft. wide excavated to eliminate flooding caused by the uplifting of the lands in the Tangoio Valley.