

No. 24 State Highway, Gisborne—Te Araroa.—On maintenance 12,990 cubic yards of metal were used.

Bridge repairs were carried out to the Hikuwai River bridges and Waiputaputa Bridge.

Groynes were constructed at 61 m. and 78 m. to arrest erosion.

A new surfaceman's cottage was erected at Te Puia.

On tree-planting, effected to protect the highway, 17,000 *Pinus* and 18,000 gums, mostly *viminialis*, were planted out, together with willow, silver-poplar, and prickly acacia. The shipmast locust that were imported from America were planted out in the nursery and 225 are now growing. Twenty-three thousand *Pinus* and gums were in the Te Puia Nursery for this season's sowings.

No. 25 State Highway, Gisborne—Napier via Hangaroa.—A maintenance-seal coat was applied between 8½ m. and 10½ m., 137 chains in all.

Shoulders and batters were repaired between 18½ m. and 22 m. by seasonal labour, 6,000 cubic yards of earthwork being removed.

Main Highways

No. 330 Main Highway, Gisborne—Ormond via Waiohika.—Patching-work was carried out with 5,000 gallons of bitumen, and 2,000 cubic yards of gravel were used on the shoulders.

No. 331 Main Highway, Patutahi—Rere.—Cook County Section: 1,000 gallons of bitumen were used for extensive patching and 1,200 cubic yards of gravel used for repairs to shoulders. On the unsealed portion, 5,000 cubic yards of gravel were used.

Waikohu County Section: For top-dressing 642 cubic yards of shingle were used, and 155 lineal feet of 12-inch pipe culverts were installed. Repairs to shoulders and batters were carried out between 17·6 m. and 18·6 m. where subsidences had occurred.

No. 336 Main Highway, Mangakino—Waiomatatini.—For top-dressing, 1,959 cubic yards of maintenance shingle were used, and Ruatoria Township was given a maintenance seal coat over 27 chains.

No. 541 Main Highway, Manutuke—Wairoa via Mangapoike Valley.—The bitumen surfacing was patched and 4,000 gallons of bitumen were used. On the shoulders, 1,600 cubic yards of gravel were spread.

No. 810 Main Highway, Opotiki—Te Araroa.—For top-dressing, 3,330 cubic yards of shingle were used.

A reinforced-concrete slab bridge was constructed over the Punaruku Stream and groynes put in at the Mangaomeka Ford.

No. 811 Main Highway, Tokomaru Bay Wharf.—For top-dressing, 584 cubic yards of shingle were used.

Waima Township: 40 chains of road were reconstructed and metalled in readiness for sealing.

No. 813 Main Highway, Gisborne—Wairoa via Morere.—6·63 m. to 10·3 m.: Extensive bitumen repairs were carried out, 1,800 gallons being used. One thousand cubic yards of shingle were used for shouldering. 10·3 m. to 32·5 m.—Reconstruction and Sealing, 10·3 m. to 16 m.: Reconstruction was completed over the whole section, 5 miles 37 chains, and 268 chains primed.

Wharerata Hill Improvement: Twenty chains of widening were completed between 26 m. and 27 m., 4,450 cubic yards of earthwork being shifted by seasonal workers.

HAWKE'S BAY DISTRICT

New Sealing (25 miles 40 chains)

No. 25 State Highway, Gisborne—Napier via Hangaroa.—Wairoa—Ohinepaka: Minor improvements over this section of 6 miles involved some 24,000 cubic yards of earthworks; 13,500 cubic yards of metal were placed. Six miles were primed and 4½ miles sealed.