

*No. 473 Main Highway, Heatherlea-Foxton via Koputaroa.*—Horowhenua County : Reconstruction completed for 1 mile, but not yet sealed.

*No. 512 Main Highway, Paraparaumu Beach.*—Hutt County : Road-mix maintenance seal using M.C. 2 completed for 20 chains.

*No. 552 Main Highway, Shannon-Mangahao.*—Horowhenua County : Reconstruction for sealing over a length of 1 mile 20 chains half completed.

Shannon Borough : Similar work for a length of 68 chains to be done by county on behalf of borough just being commenced.

*No. 569 Main Highway, Western Hutt.*—Hutt County : Maintenance sealing using M.C. 3 and  $\frac{3}{8}$  in. chips completed for 1 mile 8 chains.

*No. 574 Main Highway, Haywards-Paremata.*—Hutt County : Work is in hand on a 60-chain deviation of Hayward's Hill being constructed to four-lane standard in conjunction with the laying of the Wellington City water-supply pipe-line (3 ft. diameter). This 60-chain length comprises 402,000 cubic yards and is 75 per cent. completed. A further 2 miles 12 chains from Haywards' Hill to Judgeford is to be constructed to the same standard and has just been commenced—earthworks comprise approximately 725,000 cubic yards.

#### WAIARAPA DISTRICT

*No. 31 State Highway, Woodville-Masterton.*—The Ngawapurua Overbridge, 217 ft. long by 24 ft. wide, in reinforced concrete, is completed, and the approaches, containing approximately 40,300 cubic yards, are 90 per cent. completed. The Board's contractor is also carrying out for the Railways Department the approaches (16,000 cubic yards) to the new railway bridge over the Manawatu River, and these are 60 per cent. completed.

Between Pahiatua and Manawatu River maintenance seal using M.C. 3 and  $\frac{1}{2}$  in. chips completed for 60 chains.

From Pahiatua Borough southwards similar maintenance sealing was completed for 2 miles 32 chains.

In Eketahuna, maintenance sealing using M.C. 2 and  $\frac{3}{8}$  in. chips was completed for 20 chains in the business area. At the north end of the borough 40 chains of footpath reconstructed by the local authority.

A contract has been let, but work not yet commenced, for the renewal of the Ruamahanga River Bridge at Mount Bruce, comprising one 112 ft. reinforced-concrete arch span, plus six 16 ft. shore spans, by 24 ft. roadway, and 1 mile 20 chains of new road deviation. All reinforcing-steel is on the site, also contractor's buildings.

*No. 32 State Highway, Masterton-Wellington.*—For 62 chains from Masterton Borough to Waingawa River old 18 ft. sealing has been widened to 24 ft. carriageway, plus 3 ft. on each side for safety of cycle traffic. An evenner course of M.C. 3 and  $\frac{1}{2}$  in. down aggregate has been applied to 24 ft. width, and the additional 6 ft. will have a dust-laying seal coat applied next season.

From Waiohine Bridge southwards for 85 chains similar widening and maintenance seal work as the preceding item was completed. Between Carterton and Waiohine River the carriageway was widened to 24 ft. over a length of 55 chains, but no maintenance sealing carried out. Immediately up-stream from Waiohine Bridge heavy bank protections comprising boulders and weighted willows completed for 20 chains along the right bank.

In the business area of Carterton an emulsion and sand maintenance-seal coat was applied for a length of 47 chains. Existing 18 ft. sealing was widened 10 ft. on one side to the kerb for 78 chains using tar primer and M.C. 2 and  $\frac{3}{8}$  in. chips. Further widening of sealing held up by lack of concrete kerbing, 47 chains of which were constructed by the borough during the year.