

excavation and formation of 10 ft. on each side, necessitating the adjustment of section frontages, power and telegraph lines, and underground services. Reconstruction was commenced along the eastern side during August and has been in progress on this side only, very fair progress having been made.

On Manukau County section, plant-mix smoothing coat was applied as a trial on the concrete surface, a length of 44½ chains being involved. On this section also 80 chains of resealing were effected on shoulders.

In Manurewa Borough fourteen bus stops were formed and metalled.

Maintenance in Papakura Borough included a plant-mix smoothing coat on sealed shoulders in the business area 50 chains by 12 feet in width.

Reconstruction and widening of shoulders on Bombay Deviation has been in progress from the junction with Razorback—Jericho Road to Pokeno. A total length of 5 miles 20 chains of shoulders has been re-formed and metalled 7 ft. 6 in. in width, and 2 miles 30 chains primed.

*No. 14 State Highway, Pokeno—Paeroa via Ngatea.*—In Franklin County, reconstruction, including remetalling and widening of 4 miles 20 chains, was completed between 2 m. 25 ch. and 6 m. 45 ch. Priming and road-oil sealing has been completed over this length. Between 8 m. 30 ch. and 12 m. 19 ch., widening of formation has been completed and 67 chains of tile drains laid. Redecking was carried out on Grattan's Bridge. Repairs to failed sections were carried out covering approximately 3,000 square yards.

In Waikato and Hauraki Plains Counties extensive repairs were effected to old seal, totalling 8,500 square yards and 1,000 square yards respectively.

*No. 310 Main Highway, Mangere Bridge—Papatōetoe.*—In Manukau County a length of 1 mile 60 chains was resurfaced with plant mix, and the whole of this highway is now in good condition.

*No. 317 Main Highway, Mount Albert—Royal Oak.*—Mount Roskill Road Board carried out metalling and sealing over a length of 66 chains of shoulders each side of the central sealed roadway to a width of 10 ft. 6 in. This highway has now been revoked.

At the junction of this highway with the Manukau Road and four other roads a monument was removed in connection with an improvement scheme for the purpose of overcoming traffic difficulties; setting back of kerbs, signposting, and road marking was completed, and it is proposed, when labour is available, to erect medial islands at this point to divide the intersecting roadways.

*No. 383 Main Highway, Beach Road.*—Waitemata County carried out resealing over a length of 45 chains between 0 m. and 2 m. on this highway. Slipping occurred on the length between 2 m. and 4 m., and in order to hold back the earth a retaining-wall was constructed in most serious places.

*No. 384 Main Highway, Henderson—Swanson via Kumeu.*—Resealing was effected over 3 miles 43 chains of this highway in Waitemata County. A definite improvement was effected in the alignment from Swanson to Waitakere. This highway has been maintained in good order.

*No. 387 Main Highway, Waikumete—West Coast.*—In Glen Eden Town District reconstruction over a length of 1 mile 14 chains has been carried out and base-course metal laid. Also 72 ft. of 9 in., 175 ft. of 12 in., and 52 ft. of 15 in. concrete pipes were laid and two cesspits constructed.

*No. 406 Main Highway, Papatōetoe—Howick.*—Reshaping and metalling of 40 chains from Chapel Road corner was completed, and from Papatōetoe Borough boundary to East Tamaki factory the county completed 1 mile 40 chains of plant-mix smoothing coat.

*No. 407 Main Highway, Howick—Manurewa.*—In Howick Town 58 chains of road-oil sealing were completed, and in Manukau County extensive remetalling of worn-out sections, including restoration of cants and cambers, was attended to.