

PALMERSTON NORTH DISTRICT

No. 12 State Highway, Wanganui-Levin.—Manawatu County: On the Sanson-Himitangi section, 50 chains of emulsion water-proofing seal were completed using $\frac{1}{4}$ in. to $\frac{1}{8}$ in. chips.

Between Rangitikei River Bridge and Sanson, including the Sanson Township, 60 chains of plant mix were laid as a smoothing coat of $2\frac{1}{2}$ cubic yards to the chain.

Foxton Borough: A total length of 60 chains of plant mix was laid as a smoothing coat at the rate of 2 cubic yards per chain. A strip approximately 8 ft. wide has been tar sealed, carrying the paved carriageway to the kerbing for a distance of 35 chains.

No. 30 State Highway, Napier—Palmerston North.—On the 28th June the highest flood since 1941 caused a serious washout on the highway just north of the Ballance Bridge, Manawatu Gorge. Sixty feet of Inglis bridge has been erected over this washout as a temporary measure, pending proposals for permanent repairs. Twenty chains of old seal were scarified, remetalled, and sealed.

On the Oroua section, the reconstruction of Currie's Hill has been commenced, a start being made with fencing and digging out peat in readiness for back-filling with gravel as a foundation for road-formation.

On the Kairanga section from James Line intersection to Kairanga—Oroua County boundary, 2 miles of plant mix were laid as a smoothing coat at from $\frac{3}{4}$ to $2\frac{1}{2}$ cubic yards to the chain.

No. 33 State Highway, Sanson—Palmerston North.—On the Kairanga section, 25 chains of old seal between the Mangaone Bridge and Whiskey Creek Bridge were scarified, remetalled, primed, plant mix laid at the rate of 5 cubic yards per chain, and the grade raised 6 in. through the lowest portion to ease flooding.

From the Whiskey Creek Bridge to the Kairanga-Bunnythorpe intersection, a distance of 1 mile 18 chains, a smoothing coat of plant mix was applied at the rate of 2 cubic yards per chain.

On the Manawatu section, plant-mix surfacing was laid between the Oroua Bridge and Awahuri for a distance of 40 chains at the rate of 3 cubic yards per chain. Sixty chains of plant-mix surfacing were also laid at deceptive bend north of Mount Stewart and a further 100 chains were given a plant-mix application.

No. 375 Main Highway, Longburn-Tangimoana.—Kairanga County: 1 mile 50 chains between No. 1 Line and Kairanga-Bunnythorpe Main Highway has been reconstructed, remetalled, and primed and 1 mile 20 chains sealed.

No. 376 Main Highway, Bunnythorpe-Kairanga.—One mile of this highway from Gillespies Line towards Kairanga was plant-mix surfaced during November.

No. 377 Main Highway, Feilding-Hunterville.—Kiwitea County: Extensive repairs to the concrete foundation of Jamieson's Bridge have been carried out and protective groynes constructed. Thirty chains of highway at Davis' Cutting have been prepared for sealing.

No. 439 Main Highway, Pohangina-Apiti.—On the 25-chain Coal Creek Deviation, culverts and 50 per cent of the earthwork are completed. Reconstruction of the highway through Apiti Township was in hand at the end of the period.

No. 553 Main Highway, Cheltenham—Mackay's Line.—Kiwitea County: The whole length of this highway, 2 miles 1 chain, has been reconstructed, metalled, and prepared for sealing and a tar-sealing contract let.

No. 582 Main Highway, East Street.—Feilding Borough: 30 chains of this highway were surfaced with plant mix.

No. 829 Main Highway, Awahuri-Mangaweka.—Feilding Borough Section: The Kiwitea Bridge approaches, totalling 28 chains, were formed and primed.

No. 830 Main Highway, Feilding—Cliff Road via Stanway.—Feilding Borough Section: The Borough Council has primed 19 chains of this highway.