

of scrub cut and cleared, 52 chains of road re-formed, 3 miles 10 chains widened, and 1 mile 41 chains metalled. One small bridge 26 ft. long has been built, thirty-four culverts of a total length of 809 ft. constructed, and 57,869 ft. of timber supplied. Besides these, 7,127 cubic yards of slips have been cleared, 9,160 cubic yards of rock excavated, 8 chains of drains cut, 12 chains of embankments made, 15½ chains of corduroying done, 16 chains of fencing, 45 chains of tram-rails laid, and the road has been maintained for a length of eighteen miles.

*Range Road—Pongaroa (Widening).*—Instructions have been given for the engineering survey of this road, but owing to the pressure of other work it has not yet been done.

*Te Aupapa Road (Metalling).*—A grant of £200 has been made to the Pahiatua County Council quite recently for metalling this road. Nothing has been done during the year.

*Mangamaire Road (McKenzie Special Settlement Block).*—The works done on this road have been 80 chains of formation 16 ft. and 18 ft. wide, 60 chains metalling, 60 chains stumping, and 30 chains breaking metal. It was originally intended to form this road from side drains, but on account of the expense of moving the logging, and the difficulty of shifting it far enough back on account of the fencing, the road was simply re-formed at the lower end, and a coat of metal put on it in lieu of extra banking. The road is substantial, and will stand the winter traffic.

Smith's Road was also stumped and formed for 6 chains at the same time as the Mangamaire (of which it is a branch) roadworks were in progress, and out of the same vote.

*Akitio River Road (Mount Wolff).*—The work on this road has been varied in its nature. 4 miles 25 chains of engineering surveys has been done, 65 chains of formation 6 ft. wide, and widening the road for 56 chains to a width of 15 ft. have been done. Bushfelling and clearing, 2½ chains; slips cleared, 917 cubic yards; rock excavated, 747 cubic yards; embankments, 9½ chains; drains, 46½ chains; and stumping, 39 chains, have been done. One small bridge (15 ft. span) was removed and re-erected, and fifteen culverts of a total length of 206 ft. were constructed; and the road was maintained for 56 chains as a dray-road and for 3 miles 64 chains as a horse-road. A bridge 60 ft. in length is required at the junction of this road with the Mount Arthur Road, and the settlers are very anxious that this should be done, as it is proposed to erect a creamery, and they could not convey their milk along the 6 ft. track.

*Ihakarā's Reserve (Levin), Road through.*—A grant of £150 was given to the Horowhenua County Council for constructive works on this road, and a contract for the formation (earthwork and culverts) of 139 chains was let and completed.

*Utawai Road (Christchurch Association).*—Beyond maintenance of four miles no work has been undertaken on this road. I have to report that the river-bank at the bridge over the Tiraumea (north side) was considerably washed away by floods twelve months ago. Temporary protective works have been done, but work of a permanent nature will have to be undertaken to protect the road-embankment. As soon as a surveyor can be spared an engineering survey will be made, with the view of extending the formation of this as a horse-road to connect with the Makuri-Aohanga Road, and to widen the narrow portion of it.

*Puketoi Road (Christchurch Association).*—A small contract for the stumping and formation of 18 chains of a horse-road was let and completed. Two culverts, aggregating 22 ft., were also constructed on this road, which has been maintained as a dray-road for 69 chains.

*Kuware Road.*—The only work that has been done on this road during the year has been the felling and clearing of 148¼ chains of bush.

*Pa Valley Road.*—A small contract was let to join the Tiraumea Valley Road, and completed early in the year. The work done consisted of bushfelling and clearing 29 chains; the formation of a 6 ft. road for 31 chains; three culverts were constructed, of a total length of 69 ft.; 360 cubic yards of slip cleared; 3 chains of corduroying; 5 chains of embankments were made; and the road maintained for a length of 2 miles 23 chains.

*Waikanae—Te Horo Road.*—Under grant to the Horowhenua County about a mile and a half of this road has been formed, which completes the road through between these places. It will require, however, to be better drained and metalled.

*Alfredton—Tenni (Contribution) Main Road.*—The Wairarapa North County Council received a grant of £180 for works on this road, and this was expended in the formation of 1 mile 53 chains of a 4 ft. bridle-track, 19 chains of a dray-road 14 ft. wide, and the construction of culverts aggregating in length 390 ft.

*Bowen's—Hastwell Road.*—There has been 1 mile 41 chains of engineering surveys completed, and the road has been cleared, stumped, and formed 16 ft. wide for a distance of 28 chains. Five culverts of a total length of 119 ft. have been constructed, and 13 chains of drains have been cut, and the road maintained for one mile.

*Makakahi Valley Road (Kaiparoro).*—On this road 56 chains of bush-clearing 20 ft. wide has been done, and the road formed to a width of 10 ft. for a distance of 35 chains. A further distance of 3 chains 6 ft. wide has also been made, and culverts of a total length of 52 ft. have been constructed.

*Masterton to Eketahuna (via Mount Bruce).*—This grant of £200 to the Mauriceville County Council was issued quite recently. No work has been done. The necessary surveys will be made and the work put in hand as soon as possible.

*Mount Baker (Tawataia Toll-gate), Mangamahoe.*—During the year 300 cubic yards of rock has been excavated, 250 cubic yards of slips cleared, and the road has been stumped and formed to a width of 16 ft. for a distance of 46 chains.

*West Road.*—This work is now in progress. A contract for the formation of one mile of road 6 ft. wide has been recently let.

*Wingate Road.*—Under the first grant of £180 to the Wairarapa North County Council a contract for the formation of 77 chains of road was let and completed, and one culvert 14 ft. long was constructed.