

Mangaone Stream Bridge (Manawatu County).—A rolled-steel-joist bridge of two 30 ft. spans and with a road 11 ft. 2 in. wide has been completed.

Homewood Road (Masterton County).—A reinforced-concrete culvert, 9 ft. by 9 ft. and 30 ft. long, was completed during the year.

Ruamahanga River Bridge (Masterton County).—The erection of this reinforced-concrete bridge of three 80 ft. spans with a 20 ft. roadway was practically completed last year, and is now out of hand and being used by traffic.

Hall's Bridge (Mauriceville County).—Work was commenced during the year on a reinforced-concrete bridge of one 30 ft. span with a 12-ft.-wide roadway.

Woodville to Ashhurst Road (Oroua and Woodville Counties).—This is a new road being constructed over the ranges immediately north of the present highway through the Manawatu Gorge. Work was continued steadily during the period, 2 m. 20 ch. of formation, involving 56,540 cubic yards of spoil and 2 m. 25 ch. of metalling, having been completed on the new road. Culverts varying in diameter from 9 in. to 24 in. have been installed, the total length being 1,041 lineal feet. With the exception of some little fencing and a reinforced-concrete bridge of nine 40 ft. spans over the Pohangina River, the new work has been practically completed. On the Wairarapa side the old road is being improved, and the work completed comprises 1 m. 20 ch. of reformation, including several major deviations, 50 ch. of new metalling, and 729 lineal feet of concrete-pipe culverting.

Hull's Bridge (Pahiatua County).—Work was commenced during the year on a reinforced-concrete bridge of two 60 ft. and one 90 ft. spans with a 20-ft.-wide roadway.

Harris' Culvert (Pahiatua County).—Work was completed during the period on a reinforced-concrete culvert 8 ft. by 8 ft. by 44 ft. 9 in. long.

Paehuia Stream Culvert (Wairarapa South County).—A reinforced-concrete culvert, 8 ft. by 8 ft. by 76 ft. long, is being built, but was not completed by the close of the period.

NELSON DISTRICT.

Clarence Valley Road, North Bank (Awatere County).—With a view to giving more constant access to three grazing-runs on the south bank of the Clarence River the Department made a detailed investigation of a proposed new road up the northern bank, together with a light traffic bridge over the river. Although it was not possible to start the work in the period under review, financial arrangements were well advanced and it is anticipated that construction will proceed very shortly.

Ure River Road (Awatere County).—The construction of this settlers' access road has been continued during the year, 1 m. 15 ch. of 12 ft. formation, 1 m. 33 ch. of metalling, and 240 lineal feet of culverting having been completed.

Fifteen-mile Creek Bridge (Collingwood County).—The Department undertook the erection of this bridge on behalf of the County Council, and the structure, a three-span cantilever bridge in reinforced concrete, 100 ft. overall, with a 10 ft. wide roadway, is nearing completion.

Pakarau to Mangarakau (Collingwood County).—This new road, the formation of which is now completed, will provide all-weather access to a large area of pastoral, milling, and mining country south of the West Haven Inlet. During the year 70 ch. of formation, 5 m. 60 ch. of metalling, and 707 lineal feet of culverting have been completed. Stone-pitching of the banks across the various tidal arms has been continued by means of a punt specially constructed for the purpose. The bridge at Muddy Creek, consisting of five 20 ft. stringer spans on reinforced-concrete piers and abutments, has been completed.

Paturau Road (Collingwood County).—With a view to removing the difficulties experienced as a result of the low-lying nature of a section of several miles on this road a detailed investigation was made into a possible deviation of 3 m. 52 ch. By the close of the period camps were being erected and a commencement had been made with formation and metalling.

Pomeroy's Road (Collingwood County).—The County Council has completed the formation of 79 ch., and metalling is now proceeding.

Avon Valley Road (Marlborough County).—The County Council has completed 63 ch. of metalling on this road.

Leatham Valley Road (Marlborough County).—A distance of 1 m. 13 ch. of this road was metalled by the County Council to give all-weather access to the settlers in the Valley.

North Bank Road (Bartlett's Creek to Pine Valley Stream), (Marlborough County).—With a view to improving this road and to preventing erosion by the river, proposals involving stop-banking, protective works, and groynes were prepared, and the work was commenced a short while before the close of the period.

Waihopai River Bridge, Maori Ford, Waihopai Valley Road (Marlborough County).—Owing to the silting up of the Marlborough Power Board's dam it became necessary to raise this bridge by 12 ft. 3 in., and this work, which included an extra 20 ft. span in each end of the bridge, together with formation and metalling of 12 ch. of approaches, has been completed by the County Council.

Blackwater Road (Murchison County).—The County Council has completed the formation and metalling of 1 m. 1 ch. of this settlement road. Nine culverts of various sizes totalling 144 lineal feet have been installed.

Glengarry Road, Access to Kelling (Murchison County).—The reconstruction of 78 ch. of this road to give access to country which has been isolated since the Murchison earthquake in 1929 was completed by the County Council.

Hutchings Creek Bridge, Maruia River Road, East Bank (Murchison County).—The erection of this bridge was undertaken by the Department on behalf of the County Council. The structure consists of a reinforced-concrete bridge of two 35 ft. spans with a 10-ft. roadway, and, together with 6 ch. of approach roading, was completed during the period.