

*Makakahi Hill Road Culvert (Eketahuna County).*—A type of culvert similar to the above but measuring 6 ft. by 6 ft. by 49 ft. was completed, together with approaches.

*Hume's Bridge, Tawauui Road (Featherston County).*—The erection of a rolled-steel joist bridge of four 46 ft. spans, with timber deck, was completed.

*Western Hutt Road (Hutt County).*—A programme of major improvements is in hand on this road. The widening, culverting, and metalling of 1 m. was completed during the year.

*Haywards-Pahautanui Road (Hutt County).*—Improvements of a major character are being effected on this road, and a commencement has already been made.

*Evans Road Bridge (Masterton County).*—The erection of a timber bridge, of five 25 ft. spans with 8 ft. roadway, was commenced.

*Khandallah-Johnsonville Road (Makara County).*—This road, including the extension of 15 ch., is now completed, and has been handed over to the Main Highways Board.

*Hood's Bridge, South Road (Mauriceville County).*—A reinforced-concrete bridge, of one 50 ft. span with 20 ft. roadway, was erected.

*Mangamahoe Station Road Bridge (Mauriceville County).*—A reinforced-concrete bridge, of one 50 ft. span with 12 ft. 6 in. roadway, was completed during the year.

*McCarthy's Bridge, Te Aupapa Road (Pahiatua County).*—A bridge, of 50 ft. span and of reinforced-concrete arch design, has been completed, the roadway being 12 ft. wide.

*Glenburn Road (Wairarapa South County).*—The formation and metalling of 3 m. 36 ch. of this road was completed during the year.

#### NELSON DISTRICT.

*Atkinson's Road (Awatere County).*—Trimming and metalling of 45 ch. of this road was completed.

*Ure River Road, Palmers Access (Awatere County).*—An engineering survey was carried out on both the left and right banks of the river, and, though no work has yet been accomplished, it is proposed to proceed with the construction of the road on the right bank, the length being 2 m. 55 ch.

*Wairoa River - Mangarakau Road (Collingwood County).*—This road will give much improved access to a large pastoral, milling, and mining area south of the West Haven Inlet. 4 m. 29 ch. of formation was completed and 758 ft. of concrete culverts were placed. Two bridges, consisting of New Zealand timber spans carried on reinforced-concrete piers and abutments were erected, and the construction of a large bridge at Wairoa River is under way.

*Avon Valley Road (Marlborough County).*—1 m. 78 ch. of metalling was carried out.

*North Bank Road - Wairau River Protective Works (Marlborough County).*—Four groynes are being erected in the river to protect the road, and also a school in the near vicinity.

*Rai River Bridge (Smarts), (Marlborough County).*—A suspension bridge, of 160 ft. span with 2 ft. 6 in. roadway, has been completed.

*Tunakino Valley Road (Marlborough County).*—The formation, culverting, and metalling of 1 m. 18 ch. of road is nearing completion. This work will be particularly beneficial, as it eliminates a double fording of the dangerous Tunakino River.

*Wairau River Bridge (Timms), (North Bank Road), (Marlborough County).*—This bridge of seven 25 ft. spans in Australian hardwood was completed.

*Howard Bridge (Murchison County).*—An 80 ft. truss span bridge was erected to provide safe access to Goldfields.

*Maruia River Road, West Bank (Murchison County).*—Metalling of a distance of 2 m. 40 ch. is in hand.

*Rotoiti Road (Murchison County).*—21 ch. of formation and 1 m. 19 ch. of metalling was carried out.

*Shenandoah Road (Murchison County).*—Trimming and re-formation work was commenced on this road for the purpose of subsequent metalling. The route will be an alternative one between Murchison and Reefton, eliminating the difficult Maruia Saddle.

*Roads and Tracks (Sounds County).*—As the result of the establishment of local government in the area, it was agreed to proceed with the restoration and construction of roads and tracks in a section of this county. 4 m. of road and 17 m. 60 ch. of track received attention during the year.

*Wainui River Bridge (Takaka County).*—This bridge of two 25 ft. reinforced-concrete spans, with 5½ ch. of approach roading, is practically completed.

*Marakau River Bridge (Waimea County).*—A suspension bridge of 140 ft. span, with 3 ft. roadway, was erected to provide access for settlers and school-children on the north bank of the river.

*Motueka River Bridge (Waimea County).*—The reconstruction of the traffic suspension bridge at Ngatimoti was commenced.

*Serpentine Road (Waimea County).*—Metalling, over a distance of 70 ch., was completed.

*Taylor's Creek Bridge (Pigeon Valley - Stanley Brook Road), (Waimea County).*—This bridge, of one 16 ft. and two 12 ft. 6 in. spans, with 12 ft. roadway, was erected in reinforced concrete.

*Tadmor to Glenhope Road (Waimea County).*—Metalling of 2 m 8 ch. is in hand.

*Telenuis Bridge (Spring Grove Back Road), (Waimea County).*—A reinforced-concrete bridge, of 20 ft. skew span, with 12 ft. roadway, was erected.

#### GREYMOUTH DISTRICT.

*Cascade Road (Buller County).*—The construction of a road access from Denniston to the Cascade Coal-mine was undertaken by the Buller County Council. The work completed during the year comprises 10 ch. of clearing, 74 ch. of formation, and 56 ch. of metalling and culverting.

*Karamea to Collingwood Road, Oparara to Kohaihai Section (Buller County).*—The re-formation and metalling of a further 71 ch. of this road was carried out by the Buller County Council as an improvement in the access to four settlers.