

Otamauri Block.—20 chains of road have been formed, and one 60 ft. span bridge has been completed.

Porangahau River Bridge.—This bridge, consisting of one 60 ft., four 25 ft., and one 15 ft. spans, has been erected.

Waipawa River Bridge. Extensive repairs to both the bridge and approaches have been carried out by the Waipawa County Council.

Napier-Wairoa Road.—33 miles of this road have been maintained. In addition the approaches to the Matahouira Bridge were improved, and three bridges were extensively repaired.

Napier-Taupo Road.—59 miles of this road have been maintained.

Putikitunga Road Bridges.—Two 25 ft. span and one 40 ft. span bridges have been erected by the Whangamomona County Council.

Awakino Valley Bridges.—Three bridges have been erected.

Mangaohia River Bridge.—A 33 ft. span bridge on concrete abutments has been erected by the Awakino County Council.

Moki Bridge.—A new bridge of one 35 ft. span has been erected.

Punehu Bridge of concrete arches has been completed.

Mangoira Block.—2 miles of 6 ft. track have been formed.

Tiratu Block.—10 miles 53 chains of clearing have been completed, and 8 miles of dray-road formed.

Kopuaranga Bridge.—This reinforced-concrete bridge, consisting of one 35 ft. and two 22 ft. 6 in. spans, has been erected.

Oroua Block.—3 miles of dray-road have been formed.

Clay Bank Bridge.—This bridge, consisting of one 16 ft. and two 25 ft. spans, has been completed. The piers and abutments are of concrete.

Murchison to Eight-mile Section.—16 miles of this road have been maintained.

Tadmor River Bridge.—This bridge, consisting of three 40 ft. truss spans, has been erected by the Waimea County Council.

Kaikoura to Parnassus Road.—This road has been maintained and repairs effected to flood damages. Sundry bridges have been protected.

Clarence River Protective Works.—Three large groynes on the north bank above the bridge have been repaired.

Leader River Bridge.—Three additional spans, with approaches and protective works, have been completed.

Pukaki—Mount Cook Road.—40 miles of this road have been maintained, and minor improvements carried out.

Ashley Gorge Road.—Great damage was caused by floods and snowfalls. Extensive repairs have been effected, and about 10,000 cubic yards of slips have been removed. Several sharp bends have been straightened, and 1,000 cubic yards of broken metal have been laid.

Conway River Road (Bluffs Section).—Retaining-walls and groynes have been erected as protection against future floods.

Lees Valley Settlement Roads.—3 miles 40 chains of road have been formed and metalled.

Arthur's Point Bridge.—This reinforced-concrete arch bridge, 140 ft. long, over the Shotover River at Arthur's Point, has been completed.

McChesney's Bridge.—This bridge is being erected.

Gore Protective Works.—A commencement has been made on these works.

Kaitangata Flood-gate.—Considerable difficulty was experienced through the seepage of water and floods. All difficulties were overcome, and the gate has been erected.

Flood Damage, Otago and Southland.—Heavy floods in January of this year damaged protective banks and roads at Bamego, Stirling, Kaitangata, and Lumsden. The majority of these have since been repaired.

IRRIGATION.

IDA VALLEY SCHEME.

During the season water was supplied to twelve farmers in Ida Valley and to fifteen farmers on Galloway Flat. The shortage of farm labour prevented a more extensive use of the water. The Galloway Distribution Race has been completed. General maintenance work was carried out. Surveys in connection with diverting additional water into Manorburn Dam have been made. The survey of a drainage scheme for the lower parts of Galloway Flat has been completed, and a survey for a similar scheme of considerable magnitude for Ida Valley is in hand. Other minor surveys have been completed.

MANUHERIKIA SCHEME.

Owing to the difficulty in obtaining skilled men great progress has not been made on the intake tunnel. Work on the race-construction through the Manuherikia Gorge is in hand, but heavy slips have considerably delayed progress. The main race has been completely excavated from 4 m. to 7 m. 20 ch., and from 9 m. 35 ch. to 12 m. 38 ch. Trial surveys for the site of a proposed dam in the Manuherikia River have been carried out.

BENMORE RUNS.

A race $4\frac{1}{2}$ miles long, to irrigate certain sections in the Benmore Runs, has been completed. Several slips have been cleared.