

Wairoa River, Tauranga ; Wairau River, Renwicktown ; Waitawhena Road, Ohura ; Waiapu River ; Little Hope. Matakita, Blackwater, Murchison ; Kahautara River ; Ngatiawa Road ; Waipa River, Pirongia ; Mangaturuturu Stream, Waimarino ; Onekaka River, Collingwood ; Hapuka (Road and Railway) ; Stanley Brook, Waimea County ; Takaka River, Long Plain Road ; Tukituki River, Hawke's Bay.

IRRIGATION.

Otekaike Settlement.—The scheme for the irrigation of a portion of the Otekaike Estate (acquired for closer settlement), lying on the western side of the Otekaike River, was completed and handed over to the Lands Department, who are arranging with the settlers for its future management and maintenance.

Central Otago Irrigation.—Ida Valley No. 1 scheme : All the necessary information was obtained in connection with the location and design of the impounding reservoirs in the Manorburn and Poolburn Valleys, from which the scheme will be supplied. Investigations made to ascertain the possibilities of turning other creeks into the reservoirs and so increasing the water available showed that Maori Creek could be easily turned into the Poolburn No. 2 Reservoir, but other diversions were not favourable. The balance of the smaller distributaries were set out, and plans of same made.

Some of the distributaries in connection with the Ida Valley No. 2 scheme were also set out.

The plans of the Manorburn Dam, the Bonanza Race widening, the Moa Creek diverting weir, and about 70 miles of races are so far advanced as to admit of work being started.

The settlers to be served were met, and the terms of the irrigation agreement discussed, and a considerable majority of those concerned signed agreements. The Order in Council authorizing the work was issued, and a start has just been made with the work.

Surveys of the Manuherikia scheme to supply water from the river to irrigate the country on either side between Chatto Creek and Clyde were started, and a large amount of trial levelling done. Owing to the large number of possible alternatives, a great deal of trial work was necessary to decide on the best routes to be followed by the races.

SEACLIFF MENTAL HOSPITAL WATER-SUPPLY.

A contract has been let for bringing in an auxiliary water-supply to the above institution from the Waitiripaka Creek, distant about 10 miles from the institution. The greater part of the material is to hand, but the work is not progressing very fast. The dam-erection was interrupted by the slipping of the hillside above the site, which necessitated the selection of a fresh site.

OHINEMURI SILTING.

Contracts have been let for the clearing of the bush on the Ngararahi and Koutou diversions, and for the removal of the material above water-level. This material, having a large proportion of roots in it, is unsuitable for removal by the suction dredge.

A large amount of work has been done in killing and removing willows from the bed and banks of the Ohinemuri River.

Surveys to determine the areas totally and partially destroyed have been made.

The plans and specification of the suction dredge to complete the Ngararahi and Koutou cuts and remove silt from beds of rivers are now nearly completed.

TRAMWAYS.

Auckland.—The Morningside Extension has been completed and passed for traffic.

The Onehunga line has been duplicated from near the Epsom car-shed to the Royal Oak Hotel.

The car-shed at Epsom has been considerably enlarged and the lines leading into it altered and improved.

A number of cars were constructed and passed, the total number in commission now being 126.

All cars have their air-brake equipment fitted. *Heavier brake rigging has been fixed on thirty-five cars. Pneumatic sanders have been provided on forty-five cars.

Gisborne.—An Order in Council authorizing the construction of a tramway system has been issued, plans approved, and work will shortly commence.

Napier.—This system is in the same stage as Gisborne.

Wanganui.—Gonville and Castlecliffe Tramway : The first portion, 2 miles 30 chains, or the circuit, known as Route No. 1 of the Order in Council, from its start from the Wanganui Borough Tramway in Boundary Road, and thence by Alma, Matai, Abbott, Begnell, Tawa, and Koromiko Streets to its finish again on Boundary Road has been completed and opened for traffic last June. The rest of the tramway, some 2 miles 76 chains, or Route No. 2, out to Castlecliff is also nearing completion, and should be opened this year.

Wellington.—During the year the construction of the connecting-link down Customhouse Quay between the tramway in Willis Street and that in the Quay in the vicinity of the Post-office has been completed and put into use.

The line at Wadestown was extended a few chains at the Wadestown terminus to its final end.