

with the settlement and opening-up of the lands, and other work that constantly arises in connection therewith, and the general advance of the colony, calls for unvaried attention to detail, and are matters that cannot be shown, and are entirely unknown outside the department. Thanks are due to all for the energetic performance of their duties.

The total net cost of the department, charged to consolidated revenue (exclusive of the miscellaneous vote, which has nothing to do with administration) to the 31st March last, was £111,122 17s. 2d.

## HEAD OFFICE.

### MAPS.

Mr. F. W. FLANAGAN, Chief Draughtsman, reports as under on the work done in the draughting and litho. printing branches of the Land and Survey Department during the year ended 31st March, 1895 :—

The feature of the year under review has been the miscellaneous nature and urgency of the duties of the draughtsmen, which, with the general increase of work in the department, considerably delayed the publication of new maps, and the correcting to date and republication of old maps, no less necessary. The routine work has been, however, well and diligently attended to, there being little, if any, arrears to make up.

The new 80-chain district maps published during the year were Kidnappers, Matapouri, Halswell, Linkwater, Hororata, Orieri, Rock and Pillar, Waihemo, Dunback, Hawksbury, and Catlins. Second editions of the districts of Hawera, Kaupokonui, Egmont, Alford, Lothian and Mataura, Eyre and Hokonui, with necessary corrections, were also published. Ten maps of the same class are in advanced stages of progress, and a few of this number have been completed in a preliminary form to meet departmental requirements.

Among the miscellaneous maps printed may be mentioned the Towns of Papatowai, Taihape, Mangaweka, Naseby, Invercargill, Wallacetown, Riverton, Brooklands, and Frasertown, and the special settlements of Eltham, Hunterville No. 1, Hunterville No. 2, Marton No. 4, Gladstone, Rising Sun, Malton, and Onslow—the eight last mentioned being sectional plans for purposes of ballot. Besides the above, 40-chain and 80-chain reductions of each map, photo-lithographed, have been forwarded to the Chief Surveyors for illustrating reports and compiling county sheets, &c. New editions of sheets 2, 3, and 4, Auckland, in the 4- and 8-miles scales, showing the hill-ranges, and embodying the latest information, have been put to stone, and will shortly be ready for issue. During the current year the geographical map of Wellington, Hawke's Bay, and Taranaki, to which reference was made last year, will be out of the draughtsman's hands. On the accomplishment of this the 4- and 8-mile series of maps covering the North Island will have been completed.

During the year 196 land-sale poster maps, showing lands opened for disposal, were drawn or compiled, and 110,970 copies printed and distributed. Of these plans, 52 were for Auckland, 14 for Taranaki, 22 for Wellington, 12 for Hawke's Bay, 16 for Marlborough, 5 for Nelson, 4 for Westland, 19 for Canterbury, 23 for Otago, and 29 for Southland.

Standard drawings (isometrical) of 24 culverts, varying in size from 6in. by 6in. to 7ft. by 7ft., and sections of road-formation and -metalling, have been made and lithographed, the specification being printed on the back of each sheet. Copies of these drawings have been sent to the Road Surveyors. Excellent maps of Wairarapa North, Wairarapa South, and Pahiatua Counties have been compiled wholly in the head office, and during the next few months they will be lithographed and published in sheets, in preliminary form, to meet the growing demands of the public for sectional information. A commencement has been made with new county maps of Selwyn, Waikouaiti, and Waihemo.

A political map of a complex nature, showing the local-government divisions of the colony in different colours, and the area of each, has been compiled for the Cabinet.

Advantage has been taken of every opportunity to publish and distribute matter for the encouragement of tourist traffic. To that end, 18,000 copies of the "Grand Tour" were printed and supplied to the travelling-public, by the Agent-General and Cook and Sons principally. Additional copies have been printed for the Imperial Parliament and the London and New York clubs. One draughtsman has been almost continuously engaged for some months designing and drawing two large coloured posters, in five printings, of New Zealand scenery. These will be available before the commencement of the next tourist season. Data has been collected for a new tourist guide, which will be published before the end of the year.

Among maps and miscellaneous work done for other departments, the following may be specially noted: Railway Time-table map, in three printings; Illustrated Railway Guide for Tourists; statistical maps and diagrams for Year-book; electoral maps, in five colours; map of projected cable routes for Postal Conference, in five colours; map of Pacific Islands, in five colours; New Zealand Institute plates; illustrations for "Maori Reader"; and 39 illustrations for Manual of Garrison Artillery.

Two hundred and sixteen descriptions of boundaries for Proclamation purposes were written, mapped, and recorded during the year. This work was principally extra-departmental.

Ninety-six descriptions and plans relating to Proclamations under Public Works and Native Land Acts were examined and recorded on maps.

Twenty-one descriptions of areas proclaimed under the Loans to Local Bodies Act were written and recorded.

Fifteen Schedules of local Bills were examined for the Local Bills Committee of the House of Representatives.

Seven hundred and eleven maps, tracings, and photographs were mounted.

Thirty-two drawings in wash or line of landscape scenery, and one crayon drawing on stone, were made.