

of additional 6 in. by 4 in. wooden purlins were provided. No complaints have since been received. The export shed has been overhauled and repaired.

"*Tivoli Wharf*.—This wharf has been repaired, and portions renewed.

"*Customs Landing*.—A new landing-stage for passengers has been constructed, and is giving much satisfaction. The concrete wall where goods are landed is being fitted with hardwood fenders to reduce damage to launches and lighters. The masonry wall in front of the export shed has been refaced with 9 in. reinforced concrete to reduce damage to vessels.

"*Cemetery*.—All cemetery fences have been thoroughly repaired.

"*Clock-tower*.—Plans have been prepared for a memorial clock-tower in reinforced concrete.

"*Resident Commissioner's Quarters, Matautu, Savaii*.—Certain structural alterations have been carried out, and a large mosquito-room and bathroom and W.C. provided. Painting and plumbing have yet to be completed.

"*Plant*.—A power concrete-mixer has recently been imported, and has already resulted in a great saving of time and money."

As to roads, the Engineer, in his first-mentioned report, says:—

"*Roads*.—Beyond maintenance work not much has yet been achieved in the way of road-construction. Nothing of value can be done until large supplies of crushed metal are available. A quarry has been opened up at Magiagi, in the vicinity of Apia, and a stone-bin has been built. Concrete foundations for a small crusher and oil-engine have been put down, and the latter are now being erected. A small German crusher is being utilized. In a few weeks' time a constant supply of metal for roadwork and concrete-work in the immediate vicinity of Apia should be available. By the last boat from Australia there arrived a Jaques portable stone-crushing plant, size 16 in. by 10 in., fitted with shaker-screen and elevator. This was ordered last July, and has just been erected. It is now crushing stone in Apia for urgent repairs to the Beach Road. It is hoped, therefore, to have two plants working during the incoming dry season, and if labour difficulties can be overcome considerable progress should be made. A modern water-ballast road-roller, a Samson tractor, and an Austin grader have also been imported. The roller has not, till now, been able to show its worth, owing to the absence of crushed metal. The grader and tractor have been used for maintenance work. A scarifier to reform the old gravelled roads has been on order for some months, but has not yet arrived.

"*Fagali'i to Vaialele Plantation*.—About half a mile of this road has been re-formed and gravelled.

"*Track, Tafitoala to Lotofaga*.—A new track has been constructed between the above villages, to enable traffic to pass the Vaie'e lagoon without fording.

"*Mulifanua to Samatau*.—About three miles of this road has been cleared and formed, to enable motor-cars to reach Samatau.

"*Aleipata to Lepa*.—Repairs and protective-work have been carried out to the roads between the above villages.

"*Alia to Mulifanua*.—Repair gangs are now at work filling dangerous holes and ruts on this road.

"*Proposed Track, Falefa to Amiale*.—About five miles of this tract was located, but the work was discontinued owing to the unwillingness of the Natives to give assistance."

In the supplementary report the Engineer says:—

"*Roads*.—The Jaques portable crushing plant has been erected in Lotopa, and has been crushing intermittently since the end of April—intermittently because of the varying quality and quantity of labour. Delay, due to the machinery, has amounted to about two days in all. The plant has given every satisfaction. Labour has been particularly trying and inefficient, and, of course, most expensive. The starting of the small crushing plant at Magiagi was delayed by labour troubles, but has now been crushing for several weeks. The road-roller has done excellent work on the Fugalei Road. A scarifier has arrived, but, unfortunately, the Samson tractor is incapable of working it. A more powerful tractor is necessary with the class of road we have to deal with around Apia.

"The following statement shows work undertaken since the 1st April:—

"*Beach Road*.—This street has been as thoroughly repaired as the nature of the surface will allow. To make any further improvement an entirely new surface would have to be laid down, and the time has hardly yet arrived for such an expenditure. A particularly bad stretch, $4\frac{1}{2}$ chains in length, adjacent to the Mulavai Bridge, was entirely renewed with broken metal, rolled, and, when set, was tar-sealed. The result is very satisfactory.

"*Fugelei Road*.—This road carried heavy traffic, and was in very bad order, hence it was chosen as the first road for permanent improvement. Fifty chains of metalling, 18 ft. to 20 ft. in width, have been laid down, blinded, rolled, and thoroughly set. The work has just been completed, and is an excellent sample of a water-bound macadam road.

"*Papaseoa Road*.—A commencement has been made on metalling of portions of this road. Funds were presented for the work by Mr. H. J. Moors. Six chains at the lower end have been metalled, but not rolled; 5 chains at the upper end have been metalled. (This work is being carried out in accordance with Mr. Moors' wishes.)

"*Apia to Mulifanua*.—A gang has been employed on this road for the whole of the dry season, and a considerable improvement has been made, bringing Mulifanua within one and a half hours' motor drive of Apia. Approaches to bridges have been made up, bridges repaired, several small deviations made, holes and ruts filled in, water-tables cleaned out, and, where materials were easily obtained, the formation has been crowned.

"*Montau-Fagali'i Road*.—Considerable sea erosion occurred during the last wet season, and a substantial stone breastwork is now being constructed by prison labour.

"*Vailima-Malololelei Road*.—This road has been re-formed for the greater portion of the distance to Malololelei to such an extent that several motor-cars have recently reached the rest-house.

"*Apia-Vailima Road*.—This road has been repaired, and a considerable amount of hingle has been carted for surfacing.

"*Ifi Ifi Road*.—This road has been repaired and portions renewed with broken metal.

"*Roads, Safata District*.—A contract was let several months ago for improvement to the roads and repairs to the bridges in this district.

"*Vaialele Plantation to Lau'i'i*.—After six months' endeavour to get the Natives to undertake work on this road, one contract has at last been let to a half-caste contractor, and another is about to be let to the village of Lau'i'i. Work has commenced.