

PUBLIC ROADS.

Some 268 chains of road between Vailoa and Levi has been metalled: of this 215½ chains was top-dressed with coral and 89 chains sealed with bitumen. 14½ chains of Fugalei Street has been gravelled and rolled ready for sealing. 123 chains of Papaseea Road has been top-dressed with coral, sand, and gravel. One mile and a half of coast road between Letogo and Lau'i'i was top-dressed and rolled, and the coast road from Luatuanu'u to Falefa was repaired and recoralled and top-dressed a distance of about fifteen miles, some nine miles being reformed. Ifi Ifi Street between the hospital and Vaitele Street was top-dressed and the main portion bitumen-sealed. The driveways into the hospital grounds were partly sealed. Falealili Street from beach road to Vailima gates was tar-sealed excepting a small portion which was left open for alterations to the water-supply. A number of culverts in Falealili Street and Ifi Ifi Street were renewed and the water-tables improved. The levels of the Customs yard was raised and rolled. Vaea Street and Racecourse Road were regavelled. All water-tables in the municipal area have been cleaned and several culverts renewed. A very creditable piece of roadwork is under construction round Vaie'e lagoon in Tuamasaga South; this work is being carried out by Natives under the direction of Ama Faipule, and excellent progress is being made. Some 128 chains of Satui Road has been metalled and reformed. A contract for the construction of a portion of the track from Falefa to Aleipata has been let to the Natives, and fair progress is being maintained. Owing to the narrowness of the road reservation and the large increase of motor-traffic the maintenance of roads in Upolu is heavy, and gets worse each succeeding year, where the roads have not been sealed. Owing to the original poor foundations the heavy rains in the wet season play havoc with an ordinary macadamized road-surface, but once this is sealed it has been found that the road-surface stands up particularly well. During the year the bitumen power sprayer proved to be very successful, and with the increased stocks of bitumen at present on hand it is hoped that during the ensuing year a considerably augmented amount of bitumen sealing will be completed before the next wet season. Endeavours have been made to get the Natives in Savai'i interested in improving the coast road round the island and across the more recent lava-flow. The Natives of Safotu Village did some very creditable road repairs between Fagamalo and Safotu. Work is now going forward at the Safune end of this road.

TAUFUSI SWAMP.

The main drains and laterals were cleaned out, with the effect of appreciably lowering the water-level.

SEA-WALL.

Considerable progress was made with the construction of the waterfront sea-wall. The portion between the clock-tower and Mulivai Bridge is almost completed. Unfortunately shipments of cement from England did not come forward owing to the coal strike, consequently a gap of 300 ft. has been left which would otherwise have been filled. A good substantial wall has been completed which effectually stands all ordinary weather.

WATER-SUPPLIES.

Apia Water-supply.—The water-mains and intake have received constant attention during the year, and except for a portion of one day, when an improvement was carried out to the main at the junction of Vailele and Falealili Streets, the water has never been shut off from the whole of the town. Repairs as required have been carried out to the mains in various portions, and the mains have been kept constantly flushed. A ¾ in. water-main has been laid along the gardens on the sea-front, and tees left for hose-taps at regular intervals. 1,585 ft. of new main was laid and buried in Lotopa Road, and all necessary connections made. Work is going forward with the laying of new mains to Vaiala Village, a considerable portion already having been completed. A number of new connections have been made during the year.

Vailima Water-supply.—A new 6 in. main from a point higher up the stream was laid during the year. This supply is now very satisfactory, and maintains a constant and never-failing supply of water to Government House, the Apia high levels, Avele School, and the hospital. Owing to the high pressure experienced at the hospital a break-pressure tank is in the course of erection on the Vailima Road, which will cut down the excessive pressure on the lower portions of the supply.

Afega Supply (Native).—This scheme has been completed, the Missions at each end being adequately supplied with water. The supply has functioned satisfactorily since its inception, and has proved a boon to the Natives in this district from Faleula to Utuali'i. Fifty-five concrete baths were made for various villages, and applications for further connections are continually being received. As this supply is solely a Native one the district committees control the applications for the connections, but this Department exercises control over the whole supply and carries out periodical inspections to see that all taps and cocks are in a good state of repair, the cost of any repairs being debited against the Natives or villages concerned.

Fagamalo Water-supply.—This supply was fitted during the year, and is also a Native one, constructed with loan-money for which the villages concerned tax themselves. The supply extends from Saleaula to Salei'a. The supply, except for two occasions, one when the main was broken by a falling boulder and another when the intake strainer was damaged, has continued to function satisfactorily since its inception. Forty-one concrete baths of the standard pattern were erected in selected positions in the various villages, and all the European houses in the area have been connected.

Lotofaga Water-supply.—A quantity of ¾ in. second-hand pipe was prepared and shipped to Lotofaga for extension to the existing supply.

Falelatai Water-supply.—A start was made late in the quarter with putting in what practically amounts to a new supply. This is to be carried from Samai to Samatau; a portion of the existing pipes will be utilized.