

Earthwork, 2,926 cubic yards. The bridges erected on this road by the military in the first instance are now becoming decayed, and timber is being prepared to repair them.

*Galatea and Opepe Road.*—A continuation of the above. During last year 166 chains have been formed, including 13,860 cubic yards of earthwork—total length now properly formed, 7 miles; the erection of a 20-foot bridge will make this serviceable for dray traffic.

*Whakatane and Te Teko.*—The work on this line has been carried on by Natives, and amounts to 35 chains of embankment 20 feet wide, making 10 miles 46 chains formed; two bridges, each of 25 feet span, have been erected by the bridge carpenter, assisted by the Armed Constabulary. Earthwork by Natives, 8,890 cubic yards; and by Armed Constabulary for bridge approaches, 339 cubic yards.

The portion of road formed, although in good order, cannot be used to advantage, there being still  $2\frac{1}{2}$  miles to complete.

*Rotorua and Tarawera Road.*—Nine and a half miles. During the year 2 miles have been properly formed by the Ngatiwhakaue, making 8 miles; and  $1\frac{1}{2}$  miles roughly formed by the Tohourangi; when the latter is finished, the whole line will be complete. The latter Natives also erected, under proper supervision, the stone abutments under Nos. 1 and 2 bridges, about  $76\frac{1}{2}$  cubic yards of dry rubble. These bridges are respectively 19 and 24 feet long. The Armed Constabulary, under Captain Gascoigne, excavated 17,346 cubic yards of heavy side-cutting at Tikitapu Lake. This road is in good order, and even the unfinished portion is quite passable.

*Opotiki Table-land Road.*—Two and three-quarter miles long, with a proposed extension of 90 chains to the beach, for which survey has been made, but no work done. Old road in good repair.

*Cambridge and Taupo (Atiamuri).*—The survey of this, reported on last year as being incomplete, has not yet been finished.

*Kaiteriria and Tarawera Horse Road.*—Three miles has been kept in good repair.

*Opotiki and Torere Horse Road, and on to East Cape.*—No work has been done on this line, and, although nominally maintained by the Natives, is not in good order, as they do not work regularly.

*Whakatane Valley Road.*—Since last report, the Ureweras have formed 3 miles 70 chains, 8 feet wide, making a total of 6 miles 47 chains, of which 60 chains are formed 18 feet wide.

*Tauranga and Cambridge Horse Road.*—About 55 miles. Survey reported on last year as being stopped by Natives, still remains incomplete.

*Road Work at Tauranga, joining Inland Roads to Beach.*—This has been maintained by the local Highway Board, and is in excellent order. About 2 miles 12 chains.

*Opotiki and Poverty Bay Horse Road.*—About 80 miles. Since last annual report about 5 miles 77 chains have been formed through forest at the Opotiki end, by the Armed Constabulary under Captain Bluett, including excavation of 11,503 cubic yards in side cuttings, 40 cubic yards of rock, 4 chains of corduroy, and general repair and maintenance of 26 miles of road. Mr. Penny, contractor for rock excavation, has moved 7,213 cubic yards of solid rock from side-cuttings.

Total length now formed at Opotiki end 32 miles; at the Poverty Bay end, on the deviation surveyed last year, 11 miles 10 chains have been formed ( $2\frac{1}{4}$  miles through forest), including 5,035 cubic yards of rock excavations, and a number of small bridges erected.

The Armed Constabulary have formed  $34\frac{1}{2}$  chains of new road, including 1,753 cubic yards of earthwork and the erection of two bridges 20 feet and 16 feet long. Total deviation now completed, 20 miles 10 chains, 9 of which are in forest, leaving 7 miles 36 chains yet to complete. Total work done for the year, 17 miles 7 chains; and total now complete, 77 miles 37 chains. The Opotiki end of the road is in good order; but the southern end is in bad repair owing to heavy rains, and the fact of the Armed Constabulary having been recalled after having worked only a short time.

*Thames and Katikati Line, through the Ohinemuri Gold Field.*—Approximate distance from Te Puke Landing on the Thames to Katikati,  $23\frac{1}{2}$  miles. From the landing to Mackaytown,  $5\frac{1}{2}$  miles, has been well formed as a dray road, but will require metalling; thence to the turn-off to the Waitekauri diggings,  $3\frac{1}{2}$  miles, has also been formed, but not under proper supervision. The grades are therefore not suited for dray traffic, and the line will require a new survey.

From the turn off to Katikati the line is under survey, and a distance of about 9 miles is finished. On this length 45 chains of road have been formed by the Armed Constabulary, under Sub-Inspector Newell, 18 feet wide (11 chains through forest), earthwork, 802 cubic yards. Total work,  $9\frac{1}{2}$  miles.

*Grahamstown to Hikutaia.*—This has been kept in repair by the Provincial Government.

*Katikati and Grahamstown, and Tauranga and Maketu Line.*—The necessary work on these has been executed by the Telegraph Inspector.

*Cemetery Breakwater, Tauranga.*—The northern extension of this wall (116 feet) has been completed, and the new base in front of the wall, 420 feet, has been built; they include 405 cubic yards of masonry, and 165 cubic yards of excavation. The southern extension of 45 feet is under construction by Armed Constabulary and one civilian mason.

*Public Buildings erected under Mr. Turner's supervision, viz., Ohinemutu Telegraph and Post Office and out-buildings, District Schoolmaster's residence; also under construction, addition to Maketu Telegraph and Post Office, and Lock-up at Opotiki.*

*Provincial Works supervised, viz. excavations of cutting, formation of embankment and erection of culvert at Waioeka and Otara roads junction, embankment and cutting and erection of bridge on cross road and embankment, and cutting and erection of bridge at east end of cross road.*

*Waikato Great South Road.*—Mercer to Newcastle, 36 miles. No work has been done during the year.

*Newcastle to Hamilton.*—No new works have been done during past year; road is in fair order.

*Hamilton to Cambridge.*—One stone culvert has been erected at Martyn's Creek by artisans and labour furnished by Armed Constabulary. The approaches are being graded, and the excavated material used in forming embankments over culvert. To present time, 933 cubic yards of earth have been moved.

*Patrol Road.*—Cambridge to Rotorangi. A party of Armed Constabulary, under Sub-Inspector Watts, has been employed on this portion of the line, which at present is in fair order. Seven culverts