

Vanuatu Infrastructure Reconstruction and Improvement Project

Tanna - Road Works Completed with Success

VIRIP conducted a final inspection of the road works as a joint site visit with VBTC between 28 to 30 September, 2020. VBTC also used the opportunity to visit and document Pig-killing custom ceremony, a part of the popular Toka Dance Festival at Ikunala Custom village, West Tanna.



President of the Nikoletan Council of Chiefs on Tanna, Chief Willie Lop said the improved roads throughout the island benefit the majority of people on Tanna who are now able to access government services, markets and generally connect people together. He thanked the World Bank for financial assistance in improving and reconstructing roads on Tanna.





Tafea Divisional Manager, Nathan Tabi was the Construction Supervisor for the Contracts and oversaw the successful completion of these difficult works.

He said the roads were designed by local firm Qualao Consulting Ltd (QCL) and constructed by some of the best contractors in the Country namely; Pierre Brunet Enterprise General (PBEG), Fletcher Construction and Downer EDI Works. Works have met the strict quality requirement of the specifications and standards to achieve a great result. For example,

VIRIP built 3.7km of fibre-reinforced concrete roads with a concrete strength of 30MPa to guarantee up to 40 years' road life and withstand the harshest of conditions. These sections were on the roads to Imafen, Iatukuey, Imake with some sections near Kings Cross. VIRIP also built 14km of bitumen road from Lenakel to Kings Cross, which has provided all weather road connection through the centre of Tanna.

The works involved some small extensions of time and cost variations for a variety of unforeseen reasons. Notably, one variation occurred as a result of a recommendations by Downer EDI which saved the Government around VT26 Million and allowed the Government to reinvest those funds to construct bitumen roads to the Hospital and Isangel Provincial precinct. According to Nathan, all of the works proceeded very well. Community consultations, complaint handling and resolution of other matters managed well by all involved.

Contract Details

Summary

The road reconstruction and improvement road works on Tanna involved the following works:

Tanna King Cross Road Improvement - Double Coat Seal

Works Description: Application of approximately 12,900 lineal metres and 5 metres wide of a Double Bituminous Seal Treatment, consisting of a 14mm and 7mm sealing aggregates with C170 Grade Bitumen in a 'Double-Double' application type between Lenakel to Kings Cross

Contractor: Downer EDI Works

Value: VT202,500,192 (~USD 2 million)

Award: 14 February 2018

Finish: 30 July 2018

% Progress: 100%

Tanna King Cross Road Improvement – Concrete Pavement

Concrete Pavement

Works Description: Construction of two sections of macrofibre reinforced concrete sections along Lenakel to King Cross Road

Contractor: Fletcher Organization Vanuatu Ltd

Value: VT89,438,625 (~USD873,000)

Award: 28 June 2019

Finish: 28 June 2019

% Progress: 100%

Imafen Road Improvements

Works Description: Construction of 1,000m concrete pavement of macrofibre reinforced concrete sections along the Lowiaru Imafen Road

Contractor: Pierre Brunet Enterprise Generale (PBEG)

Value: VT109,826,496 (~USD938,688)

Award: 7 December 2018

Finish: 4 October 2019

% Progress: 100%



Iatukuey Hill Road Improvements

Works Description: Construction of pavement of macrofibre reinforced concrete sections along the Iatukuey Road, including 1250m concrete metre of macrofibre reinforced concrete.

Contractor: Pierre Brunet Enterprise Generale (PBEG)

Value: VT111,755,450 (~USD972,000)

Award: 26 June 2019

Finish: Feb, 2020

% Progress: 100%



Imake Road Improvements

Works Description: Construction of pavement of macrofibre reinforced concrete sections along the Imake Road, including 572m concrete metre of macrofibre reinforced concrete

Contractor: Pierre Brunet Enterprise Generale (PBEG)

Value: VT53,003,650 (~USD459,000)

Award: 28 June 2019

Finish: February 2020

% Progress: 100%



Lenakel Hospital and Isangel Loop Road

Works Description: Concrete drain and double coat bitumen seal. Works completed through savings (Variation) to the King Cross Road Improvement

Contractor: Downer EDI works

Value: VT 58,474,816

Start: July 2019

Finish: October 2019

% Progress: 100%



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