

ROAD DEVELOPMENT AUTHORITY

PROJECT: Landslide/ Slope Stability Treatment along B104 Road (Baie du Cap – Chamarel – Case Noyale) at Chamarel.

BRIEF

1. Project Location

The site of works is located along the Baie du Cap – Chamarel – Case Noyale (B104) road. The existing road is characterized by a narrow single carriageway with an average width of 5,8m, but necking down to 4,8m in places.



Figure 1.0: Location map for B104 project

2. Need/ Objective

The Baie du cap – Chamarel – Case Noyale (B104) road has several dangerous bends with steep mountain cuttings on one side and deep ravines on the other and the condition of the road pavement structure and underlying geotechnical support has deteriorated which is particularly evident over an approximate 1.4 km stretch.

Thereby, the Road Development Authority (RDA) is presently improving the stretch of road and stabilise the existing road cuttings and embankment.

3. Scope of works

The works to be executed involve, amongst others, the following:

- Construction/widening of existing road of approximately 1.4km of road consisting of 7.0 metres wide carriageway and 2.0m wide paved shoulder on one side in flexible pavement with a crushed stone sub base, with bituminous base course, a bituminous concrete wearing course with a road reserve;
- Excavation in mountain slopes using specialised blasting techniques;
- Construction of gabion retaining structures;
- Installation of rocknets and soil/rock nailing;
- Hydroseeding;
- Construction of drainage structures;
- Provision of miscellaneous road equipment such as carriageway; markings, traffic signs, handrails, safety fences, etc;
- Installation and commissioning of street lighting poles and luminaires;
- Construction of view points.

4. Contract Data

Commencement date: 08th January 2021

Expected Completion date: 02nd April 2022

Duration: 450 days

