

Construction of Saint Denis Bridge at Chamarel

Introduction

The St Denis bridge is located across the Baie du Cap Chamarel Case Noyal Road (B104) and is a low-lying bridge over the River St Denis. The bridge consists of 10 existing cross drains each of 700mm in size. The bridge gets flooded during heavy rainfall, thus rendering the bridge impracticable endangering the road users. This is a recurrent problem and on several occasions the road had to be closed for security of road users and traffic has to be diverted through Le Morne.

Project Objectives:

- To alleviate the problem of flooding at that location, to construct a bridge with sufficient headroom to allow free flow of water even during heavy rainfall.
- To have a bridge as per the required standard.
- To have a safe access over the St Denis river.
- To enhance road safety especially for School Children in that region.
- To improve the geometry of the approaches to the bridge.
- To create a better connectivity between the village of Chamarel and Choisy.

Scope of Works:

- Demolition of the existing structure and reconstruction of a reinforced concrete bridge to provide unrestricted flow of the river into the sea.
- Upgrading and tie-in of approximately 230m of B104 Road on both sides of the new bridge.
- Upgrading and extension of existing drainage structures along the existing road.
- Construction of road side footpaths, drains and retaining structures such as masonry walls
- Diversion and relocation of existing services
- Provision of miscellaneous road equipment such as road marking, cat's eyes, traffic signs, handrails, safety fences, road lighting etc.

Commencement Date: 18th November 2020

Duration: 300 days

Expected Completion date: 14 September 2021

12 July 2021