

Rehabilitation of Napoléon Bridge at L’Avenir on Ripailles – Nicolière Road (B49)

1. Project Aim

The bridge was constructed in 1965 and is located on B49 Road next to L’Avenir Temple. It is approximately 35m long and 5.5m wide and is made up of a reinforced concrete deck resting on 3 Nos. reinforced concrete beams supported by an intermediate masonry pier and masonry abutments.

The absence of footpath along the bridge represents a potential hazard for pedestrians. The geometry of the approach from La Laura/Beau Bois is below current highway standards. Moreover, the bridge shows signs of moderate structural deterioration. Hence, the need for timely rehabilitation.

Detailed description of the project

The scope of works includes the following:

- Structural Rehabilitation/ Demolition of the existing structure and reconstruction of a reinforced concrete bridge approximately 35m span on a design and build basis by the Contractor;
- Widening of existing road on both approaches of the new/rehabilitated bridge over an approximate length of 450m.
- Improvements works/tie-in on bridge approaches in an approximate length of 10 m both sides.
- 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...;
- Traffic flow shall at no time be interrupted during the execution of the works; and
- Any other works as detailed in the bid documents.

2. Project Benefits

Improve road safety.

3. Construction Period

Start Date: 13 January 2021

Expected Completion date: 13 January 2022

Construction Period: 365 calendar days