

# **CONSTRUCTION OF A FLY-OVER ON MOTORWAY M2 AT TERRE ROUGE ROUNDABOUT (Design-Build/Turnkey)**

## **Project Brief**

### **1. Project Background**

The construction of fly-over at Terre Rouge Roundabout project is part of the concept review and traffic management plan to improve the Northbound-Southbound & Southbound - Northbound through traffic and to reduce traffic congestion and travel time along Motorway M2, Port Louis- Central Flacq road (A2), Terre Rouge- Triolet- Grand Baie Road (A4).

The study which was mandated by the Road Development Authority, inter alia earmarked for the construction of a flyover on motorway M2 at Terre Rouge Roundabout plus the reconfiguration of traffic movement to reduce morning and afternoon chronic congestion. The other key objective of the Government is to reduce carbon emissions and noise pollution by improving the level of service and constructing sustainable and resilient road and drainage infrastructure; decrease road maintenance costs, vehicle operating costs, as well as travel time costs by providing uninterrupted traffic flow from JinFei Roundabout to Terre Rouge Roundabout; and to provide an efficient and effective transportation network in support of socio-economic development within the region of Terre Rouge and neighbouring areas.

### **2. Project Scope**

The project will consist, inter-alia of the following:

1. Topographical surveys;
2. To carry out traffic study and preparation of TIA;
3. Geotechnical Investigations and in-situ/lab testing/monitoring;
4. Preparation of EIA Report, if required;
5. Design and detailed engineering of the works;
6. Design and Construction of a reinforced concrete Flyover on pier of appropriate length as per standard over Terre-Rouge Roundabout on M2 Motorway for both Southbound and Northbound traffic;
7. Design and construction of acceleration and deceleration lanes on both sides of appropriate length as per standard (including taper) for Southbound and Northbound traffic;
8. Design and construction/upgrading of a slip lane of appropriate length as per standards for traffic to leave Terre Rouge Area from A2 Road;
9. Design and Construction of a slip lane of appropriate length as per standard for traffic to enter Arsenal area to A4 Road;

10. Design and Construction of a dual carriageway including third lane (for Southbound traffic) of appropriate length as per standard along Motorway M2 in lieu of existing Jin Fei Roundabout;
11. Design and Construction of a slip lane of appropriate length for traffic leaving Jin Fei Area (Northbound);
12. Increase capacity and improvement of traffic flow at junction along A2 Road connecting with Motorway M2 at Terre.
13. Provision of 2No. Gantry across Motorway M2 Southbound & Northbound;
14. Design and construction/upgrading of footpaths, drains and retaining structures;
15. Design, construction and relocation of bus laybys and bus shelters;
16. Rerouting and protection of existing services and relocation of relics, trees, etc;
17. Provision of adequate road lighting and safety equipment throughout the whole project such as traffic lights, road markings, reflective road studs, traffic signs, informative panels, handrails, guardrails, concrete barriers, etc.;
18. Design and implementation of landscaping works