

The Project for Improvement of Ghanaian International Corridors (Grade Separation of Tema Intersection in Tema) Phase 1

[Shimizu Corporation, Dai Nippon Construction, Shimizu-Dai Nippon JV]

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Tema intersection is located at an important point where two international corridors stretching from Accra, the capital city of Ghana and the largest port in Ghana, the Tema Port, link up. In addition, Tema intersection is a five-way road where the roads from Tema City interconnect. Although it is a roundabout intersection, there was a lot of traffic in the area and chronic traffic congestion occurred. Thus, this has become a major factor that hindered smooth international logistics. As a breakthrough measure, the Ministry of Roads and Highways (Ghana) considered the development of Tema intersection (three-dimensional) as one of the top priority projects. It was then agreed between the governments that the project would be implemented with Japan's grant aid. In 2017, Shimizu Corporation and Dai Nippon Construction formed a joint venture and were awarded the project for the first phase of construction. In the ensuing years, the team overcame many difficulties but was still able to successfully hand over the project to the client in June 2020.

This project consists of a road construction of 1km from the intersection towards north, south, east and west. The grade separation is the largest scale in Ghana with 2 lanes on each side, and a total length of 730m underground and semi-underground.

The road was fully opened in May 2020 and the traffic congestion since then has been greatly improved. It significantly contributed to the improvement of traffic conditions in Tema City, which is a node of major international corridors. In addition, a road development plan around the intersection has also been announced. Along with the construction of the second phase (Phase 2) planned in the future, the progress of corridor development is expected not only to enrich the urban expressway network from Tema City to the suburbs of the capital Accra, but also to revitalize the logistics of the entire West Africa region, creating a virtuous cycle of investment promotion and market expansion. It is also expected to generate a sustainable and strong economic growth.

Moreover, the project team received an appreciation letter from the Minister of Roads and Highways of Ghana, Mr. Amoako Attah, following the full opening of the road in May 2020. In October 2020, the project team received the 16th JICA President's Award for contributing to the economic and social development of Ghana through this project which raised the reputation of Japan's international cooperation.

Due to the above-mentioned excellent achievements and potential developments, this project deserves an award in the field of international contribution.

