



Kasoa Interchange

Accra, Ghana / 2014-2016

Structural type
Characteristics
Owner
Client
Constructor
Scope

Composite deck
Total length of 6 km with 3 interchanges and 2 structures of 40 m and a main structure of 270 m
Ministry of roads and highways
Queiroz Galvão
Queiroz Galvão
detailed design and construction support



The overall project consisted on twinning the existent road, providing the complete detailed design of one roadway 6 km length and the rehabilitation design of the existent 6 km roadway to adapt it to a maximum speed of 90 km / h.
3 viaducs are projected with total lengths of 40 m in the East and West Interchanges, and 270 m in the Main Interchange. Maximum span of the viaducs are of 20 m and 36 m, and deck widths are of 12 m and 18.5 m respectively, that allow 2 lanes in the first case and 4 lanes in the second case.
All viaducs have been designed with a composite (steel - concrete) box typology.



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