



Bechem – Akumadan road reconstruction

Bechem-Akumadan, Ghana / 2021-2022

Structural type Characteristics

Road
40.4 km in length, single carriageway with one lane in each direction, and dual carriageway with two lanes in each direction at the Techimantia town crossing. No bridge.

Owner Client Constructor Scope

Ministry of Roads and Highways
RANGO Construction Company LTD
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detailed design



The Scope of Works consists in the drafting of the Preliminary Design Project and the Detailed Design Project for the reconstruction of the Bechem - Akumadan road to convert it into a paved road, including a new by-pass close to Akudaman.

The total length of the road is 40.4 km.

General features of the proposed road are as follows:

- Reference speed: 80 km/h or 60 km/h.
- Single carriageway 1 x 2 lanes. Double carriageway 2x2 lanes at the crossing of Techimantia;
- Pedestrian walkways along urbanized sections;
- Installation of horizontal and vertical signage;
- 77 hydraulic structures, including box culverts and pipes.

The following activities are included within the Scope of Works:

- Roadway (terrain model, alignment, earth works, cross sections)
- Hydrology and Drainage
- Pavement
- Signalling
- Structures



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