

MSIKABA RIVER BRIDGE ON THE N2 WILD COAST TOLL ROAD

EASTERN CAPE

PROJECT TYPE: BRIDGE CONSTRUCTION

CLIENT:
South African National Roads Agency

VALUE:
R 1.65 billion

CONSULTANTS:
Halcrow, SMEC SA and Aurecon SA - HVA JV

DATE OF PROJECT:
January 2019 to December 2023

PROJECT DESCRIPTION:

Msikaba River Bridge is a 580 m long and 192m high (to the valley floor) single span cable stayed bridge.

The two pylon structures are 127m high reinforced concrete structures.

The back stays are anchored in four stay cable anchor block structures that comprises of 3900m³ of structural concrete and 2500m³ of mass concrete.

The composite deck comprises of 3800 tons of structural steel girders with an integrated reinforced concrete roadway slab.

The deck will be segmentally constructed from both pylons and joined in the centre.

Other elements of the project includes four large drainage structures, a pedestrian underpass and 3 kilometres of access roads



2021-10-20 - South Bank