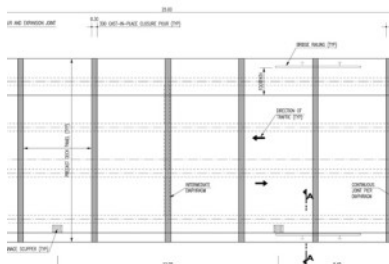




CADAL CHANNEL BRIDGE AND ASSOCIATED ROADS

BASE DESIGN FOR A TENDER PROCESS (BASE AND ALTERNATIVE SOLUTIONS) - LAYOUT, BRIDGES, GEOLOGY AND GEOTECHNICAL ENGINEERING.

L SPAN
(meters)



Client: Angola Lng Project / Edifer, SA

Location: Soyo, Angola

Design date: 2010 - 2010

Services: Base Design for a tender process (Base and Alternative solutions) - Layout, Bridges, Geology and Geotechnical Engineering.

Summary:

Natural gas liquefied project in Angola, province of Soyo.

524 m long bridge over channel with a standard span of 25 m. Entirely precast structure - rammed piles, cross girders and deck - on the Base Solution. The Alternative Solution was designed using cast in place piles.

The project consisted of a 7.15 km long road in a geotechnical complex marshland near the banks of the mouth of Zaire River (Soyo).

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