



Stone arch bridges in Dar es salaam

Mzinga Bridge

UDSM Bridge

UDSM Model culvert

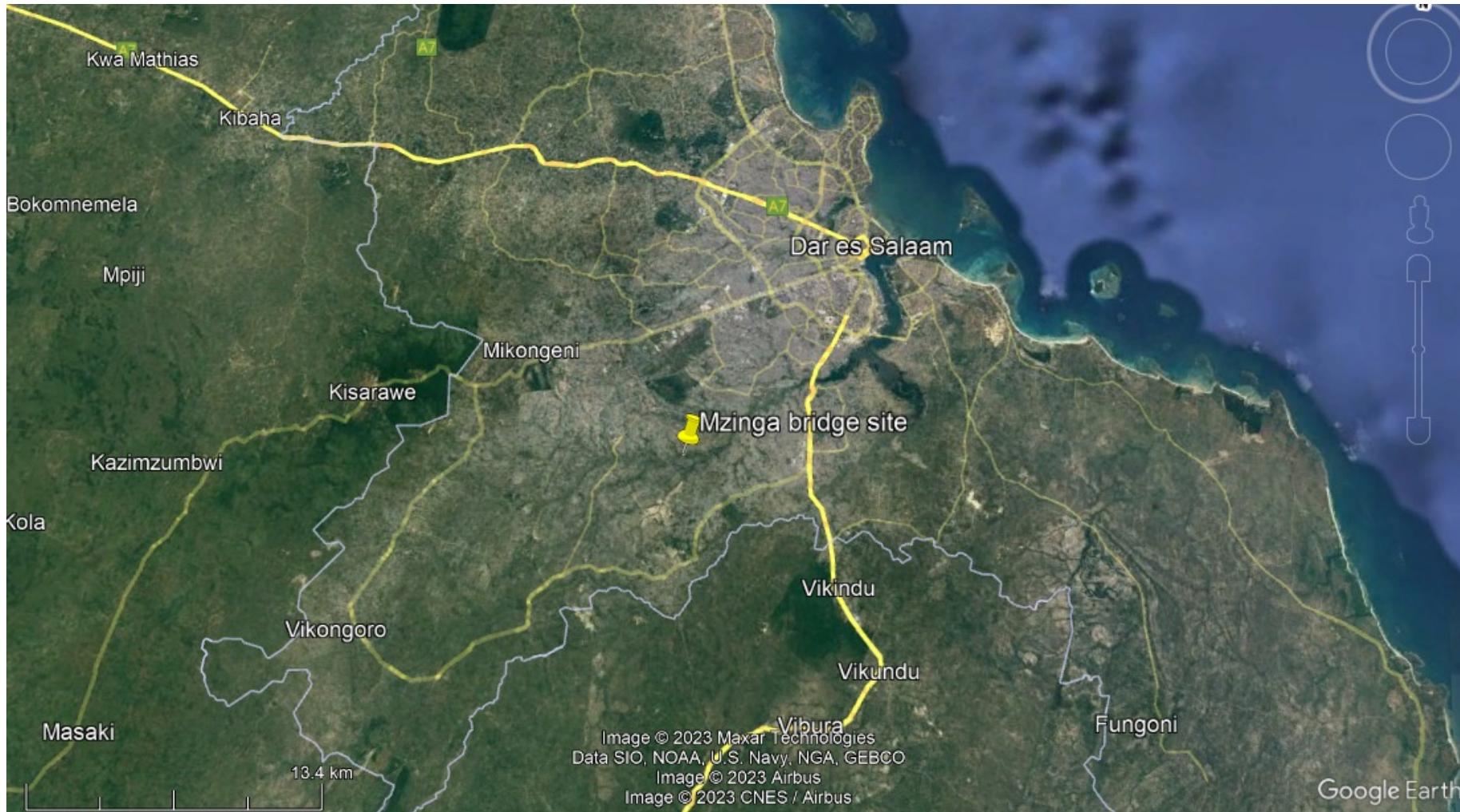
Belgian development agency

enabel.be



Mzinga - Geographical Location

Coordinates $6^{\circ} 55'20.6''S$, $30^{\circ} 12'54.1''E$



Location

Country - Tanzania
Region – Dar es salaam
District – Ilala
Ward – Kitunda

Social impact

Health service
Education
Business
Political
Security



EXISTING CROSSING



ACCESSIBILITY –



Five dry months (June – October)



EXISTING CROSSING



CONFORTABILITY



SAFETY





About the Project

Aspect	Detail
Designed	Indoor (Enabel), Review and Approval by TARURA
Funds	Co Funded , Enabel, Tarura HQ
Span	93m
Cells	Eleven cells @ 6m, two cells @ 4m Roman Arches
Supervision	Tarura Ilala
Project Time	6 months (September 2019 – January 2020)
Type of Contract	Contracted
COST	829,000,000 TZS (Stone arch bridge) 1,789,000,000 TZA (Reinforced concrete)



Quantity of Main Material

s/No	Material	unit	Quantity	Contribution	Status
01	Cement	Bags	5,136	Enabel	
02	Stones	m3	2,568	TARURA	
03	Sand	m3	1,027	Enabel	
04	backfilling	m3	2,430	TRURA	



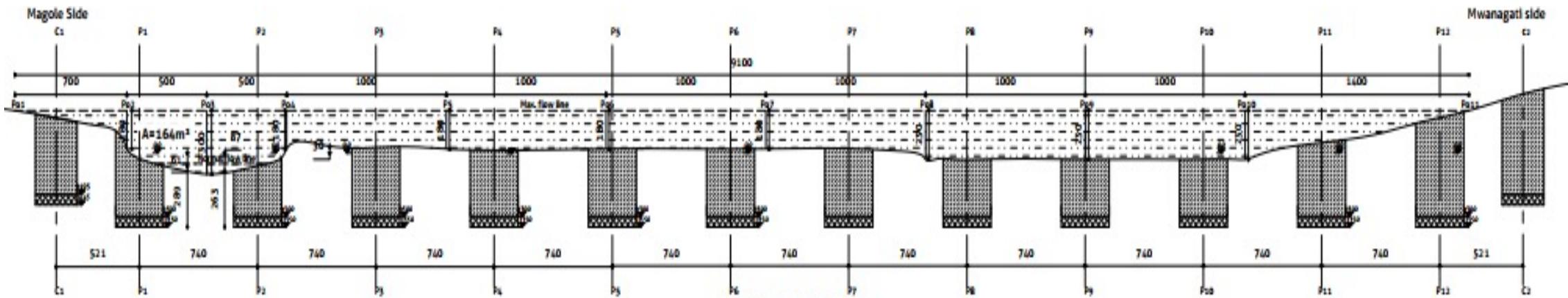
Design

Concrete design.

Designed by TARURA

Stone arch bridge design.

Designed by TARURA





Design

