



## Stone arch bridges in Dar es salaam

Mzinga Bridge

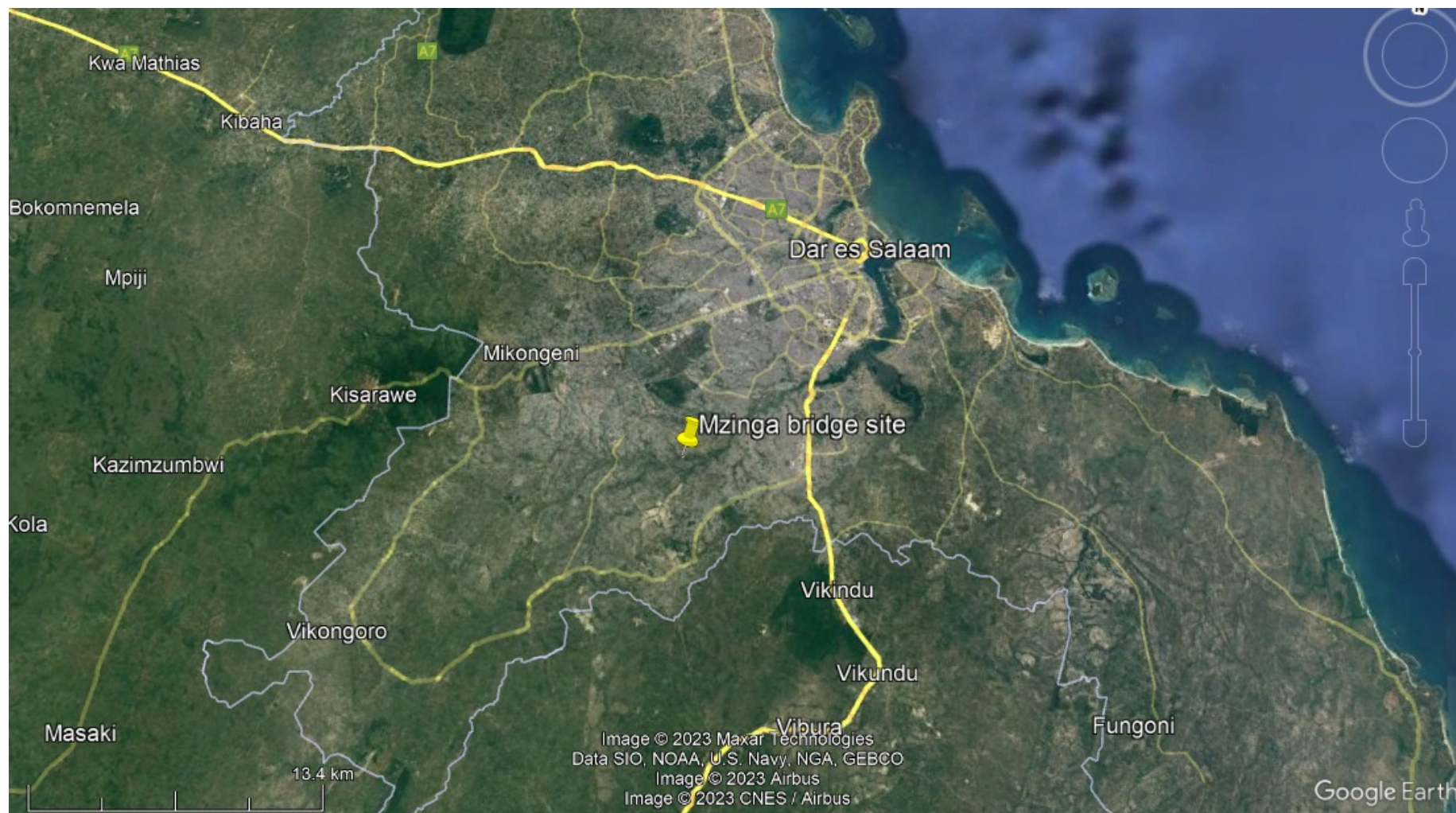
UDSM Bridge

UDSM Model culvert



# Mzinga - Geographical Location

Coordinates 6° 55'20.6"S, 30° 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)





# EXSISTING CROSSING



CONFOTABILITY



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	





**Concrete design.**

Designed by TARURA

**Stone arch bridge design.**

Designed by TARURA

