



PEDESTRIAN BRIDGE REGISTRATION RECORD

Bridge Name / Number

#015 Moletis

Location

Country : Ethiopia
Region : Amhara
District : Tehuledere
River Name : Gelona
GPS : 11°17'34.39N 39°39'25.76E

Partner Information

Government : ESRDF
Population served : 5000
Community : Tehuledere
NGO : Bridges to Prosperity / Helvetas

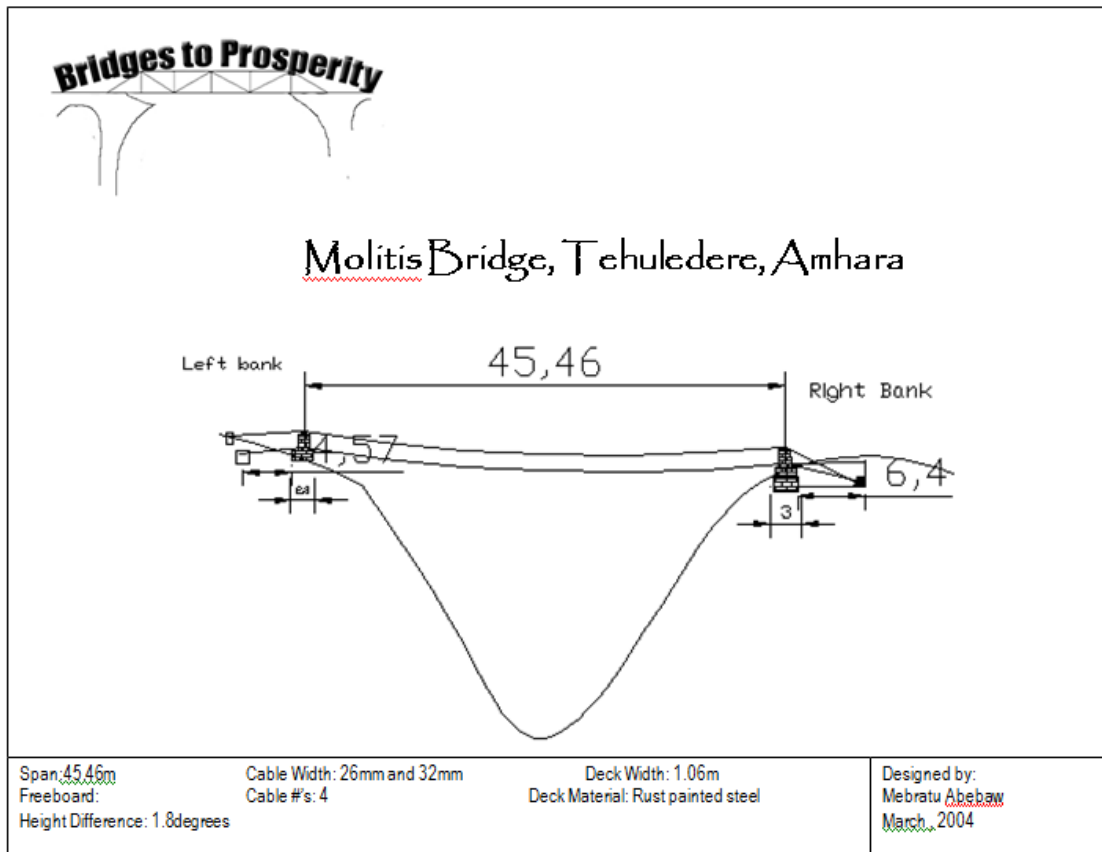
Completed Bridge Photograph



Completion Date: June 2005

Pedestrian Bridge registration Record: Moletis

Bridge Design



Basic Data

Type:	: Suspended
Span:	: 45.46m / 149 ft
Walkway Width:	: 1.06m
Surveyor	: Mebratu Abebaw, B2P
Designer	: Mebratu Abebaw, B2P
Deck	: Steel
Anchorage Type	: R side [looking downstream]: Drum : L side [looking downstream]: Beam
Adjustable Bank	: Left
Freeboard	: 3.50m
Live load	: 400kg.m ²
Factor of Safety	: 3:1
Pedestrian Bridge registration Record:	Molitis

Technical Data

Cable Supplier : Bharat, India
Cable Size/Numbers : Handrail Cables: 2 x 1”
:Deck Cables:
Cable Strength/s : 86,400 lbs / 131,000 lbs
Cable finish : Galvanized
Clamp type : Forged
Clamp numbers/cable:
Fabricator (steel deck): Guiseppe Pasqua

Technical Comments

Steel deck will require annual maintenance, painting and replacing bolts.

Final Inspection by: Zoe Keone Pacciani, B2P



Construction Personnel

Supervisor : Zoe Keone Pacciani

Mason/s :

Contributing Villages

Villages	District/Municipality
Tehuledere	

Bridge Committee Members

Name	Address/Village
Ato Kebede	Hayk Town

Actual Financial Contribution (approximate)

Municipality (\$/local currency) :

Community (work days) :

Bridges to Prosperity :

Other: :

Additional Comments/Recommendations

Bridge Report Completed By:

Name : Zoe Keone

