



PEDESTRIAN BRIDGE REGISTRATION RECORD

Bridge Name / Number

#014 Arba

Location

Country : Ethiopia
Region : Oromia
District : Arsi
River Name :
GPS : 08°52'16.52N 39°56'01.26E

Partner Information

Government : ORRA
Population served :
Community : Ancho
NGO : Bridges to Prosperity

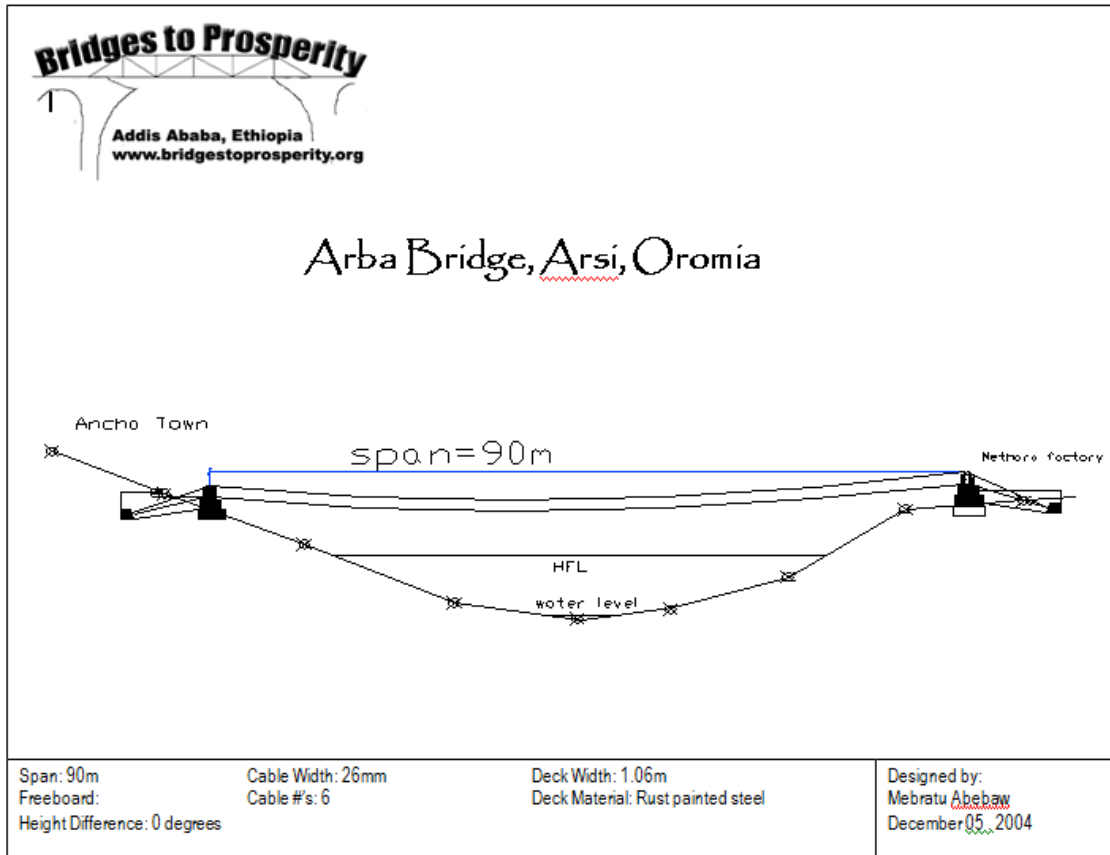
Completed Bridge Photograph



Completion Date: June 2005

Pedestrian Bridge registration Record: Arba

Bridge Design



Basic Data

Type:	: Suspended
Span:	: 78m / 256 ft
Walkway Width:	: 1.06m
Surveyor	: Mebratu Abebaw, B2P
Designer	: Mebratu Abebaw, B2P
Deck	: Steel
Anchorage Type	: R side [looking downstream]: Beam : L side [looking downstream]: Beam
Adjustable Bank	: Right
Freeboard	: 3.50m
Live load	: 400kg.m ²
Factor of Safety	: 3:1

Pedestrian Bridge registration Record: Arba

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 : Mebratu Abebaw

Mason/s :

Contributing Villages

Villages	District/Municipality
Ancho	Arsi

Bridge Committee Members

Name	Address/Village

Actual Financial Contribution (approximate)

Municipality (\$/local currency) :
Community (work days) :
Bridges to Prosperity :
Other: ORRA : \$33,961.75

Additional Comments/Recommendations

Bridge Report Completed By:

Name : Zoe Keone 