

ID :815 Masi Suspension bridge \_ \_ \_ \_ \_

on Chainage 0.250 of road unknown

In District Almora Under CD Ranikhet Division

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## Bridge Inventory Report

Division: CD Ranikhet

Data not-yet finalized

### General

Name of Division : 4

Revenue Block Name : 61

Chainage (at Mid Point) : 0.250

Road/ Segment Name :

Bridge Type : Pedestrian Bridge

Structure No : 0/2

Feature Intersected : Ram ganga

Name of Bridge : Masi Suspension bridge

Nearest Town : Masi

Latitude (Northing) : 29.81753611

Longitude (Easting) : 79.28036667

Construction Year : 1947

Inventory Year : 2021

### Geometric

Overall length (in meter) : 25.00

Total No of Span : 1

Maximum Span (in meter) : 22.00

Span Arrangement : 1x25

No of Lane : 1.000

Overall Width (m) : 2.000

Carriageway Width (m) : 1.800

RS Footpath Width (m) : 1.500

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 2.000

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 880.000

OFL Ordinary Flood Level : 876.000

LWL Low Water Level : 874.000

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre :

Road Level at Centre :

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 1.0

Design Loading : Footpath Live Load  
Load Rating : Footpath Live Load  
Super-Structure  
Superstructure Type : Suspension  
Superstructure Material : Timber  
Wearing Coat Type : Bituminous Concrete  
Expansion Joint Type : Not Provided  
Railing/Crash Barrier type : other  
Bearing type : Not Provided  
Sub-Structure  
Founding Strata : Rocky  
Abutment Foundation Type : Open  
Pier Foundation Type : NA  
No of Piers : 0  
Abutment Type : Stone Masonry  
Pier Type : NA  
Protection Work  
Bank Protection Left Side of Up-stream : no protection work provided  
Bank Protection Right Side of Up-stream : no protection work provided  
Bank Protection Left Side of Down-stream : no protection work provided  
Bank Protection Right Side of Down-stream : no protection work provided  
Floor Protection on Up-stream : no protection work provided  
Floor Protection on Down-stream : no protection work provided  
Treatment for Corrosion Protection (if any) : no special treatment provided  
final  
Name of JE/AAE : Er. Vijay pal Singh

