

ID :1938 RATAURA SUSPENSION BRIDGE \_ \_ \_ \_ \_

on Chainage 58.135 of Ramnagar Bhandarpani Amgari Bhorakote Aakhudunga Talli Sati Betalghat Ratora  
Visalkote Jaina Richi Billekh state highway

In District Nanital Under CD Nainital Division

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Bridge Inventory Report

Division: CD Nainital

Data not-yet finalized

General

Name of Division : 10

Revenue Block Name : 75

Chainage (at Mid Point) : 58.135

Road/ Segment Name : 82

Bridge Type : Pedestrain Bridge

Structure No : 58/1

Feature Intersected : KOSI REVER

Name of Bridge : RATAURA SUSPENSION BRIDGE

Nearest Town : KHAIRANA

Latitude (Northing) : 29.54272800

Longitude (Easting) : 79.40530300

Construction Year : 1999

Inventory Year : 2022

Geometric

Overall length (in meter) : 100.00

Total No of Span : 1

Maximuam Span (in meter) : 100.00

Span Arragment : 1\*100

No of Lane : 1.000

Overall Width (m) : 2.100

Carriageway Width (m) : 2.100

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approch 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 :

OFL Ordinary Flood Level :

LWL Low Water Level :

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 : Mild

Seismic Importance factor : 0.0  
Design Loading : Footpath Live Load  
Load Rating : Footpath Live Load  
Super-Structure  
Superstructure Type : Suspension  
Superstructure Material : Steel  
Wearing Coat Type : Bituminous Concrete  
Expansion Joint Type : Asphaltic Plug Joint  
Railing/Crash Barrier type : other  
Bearing type : other  
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 : MANMOHAN SINGH

