

ID :1939 BADERI SUSPENSION BRIDGE _ _ _ _ _

on Chainage 64.025 of Ramnagar Bhandarpani Amgari Bhorakote Aakhudunga Talli Sati Betalghat Ratora
Visalkote Jaina Richi Billekh state highway

In District Nanital Under CD Nainital Division

Bridge Inventory Report

Division: CD Nainital

Data not-yet finalized

General

Name of Division : 10

Revenue Block Name : 75

Chainage (at Mid Point) : 64.025

Road/ Segment Name : 82

Bridge Type : Pedestrian Bridge

Structure No : 65/1

Feature Intersected : KOSI REVER

Name of Bridge : BADERI SUSPENSION BRIDGE

Nearest Town : KAIRANA

Latitude (Northing) : 29.50813600

Longitude (Easting) : 79.44887200

Construction Year : 1999

Inventory Year : 2022

Geometric

Overall length (in meter) : 125.00

Total No of Span : 1

Maximum Span (in meter) : 125.00

Span Arrangement : 1*125

No of Lane : 1.000

Overall Width (m) : 2.150

Carriageway Width (m) : 2.150

RS Footpath Width (m) : 0.000

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 :

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 : Cable stayed
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/AEE : MANMOHAN SINGH

