

ID :3345 Chandanganga suspension Bridge 56M _____

on Chainage 1.250 of road unknown

In District Rudraprayag Under CD Ukhimath Division

Bridge Inventory Report

Division: CD Ukhimath

Data not-yet finalized

General

Name of Division : 40

Revenue Block Name : 16

Chainage (at Mid Point) : 1.250

Road/ Segment Name :

Bridge Type : Pedestrian Bridge

Structure No : 2/1

Feature Intersected : Chandanganga

Name of Bridge : Chandanganga suspension Bridge 56M

Nearest Town : Basti

Latitude (Northing) : 30.46954000

Longitude (Easting) : 79.04167500

Construction Year : 1985

Inventory Year : 2023

Geometric

Overall length (in meter) : 56.00

Total No of Span : 1

Maximum Span (in meter) : 56.00

Span Arrangement : 1x56

No of Lane : 1.000

Overall Width (m) : 1.800

Carriageway Width (m) : 1.700

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 1.500

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 1174.000

OFL Ordinary Flood Level : 1172.000

LWL Low Water Level : 1166.500

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre : 1177.000

Road Level at Centre : 1177.000

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 1.0

Design Loading : NA

Load Rating : NA

Super-Structure

Superstructure Type : Suspension

Superstructure Material : Steel

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Tubular steel

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 : Er Deepak Kumar

