

ID :3217 Pedestrian Suspension Bridge over Nandakini River near Gwala \_\_\_\_\_

on Chainage 0.000 of road unknown

In District Chamoli Under PD Karnprayag Division

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## Bridge Inventory Report

Division: PD Karnprayag

Data not-yet finalized

### General

Name of Division : 36

Revenue Block Name : 11

Chainage (at Mid Point) : 0.000

Road/ Segment Name :

Bridge Type : Pedestrian Bridge

Structure No : 01/01

Feature Intersected : Nandakini

Name of Bridge : Pedestrian Suspension Bridge over Nandakini River near Gwala

Nearest Town : Gwala

Latitude (Northing) : 30.30491100

Longitude (Easting) : 79.33693900

Construction Year : 1976

Inventory Year : 2010

### Geometric

Overall length (in meter) : 46.00

Total No of Span : 1

Maximum Span (in meter) : 46.00

Span Arrangement : 1x46.00

No of Lane : 1.000

Overall Width (m) : 2.200

Carriageway Width (m) : 1.800

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 2.200

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 : Moderate

Seismic Importance factor : 1.0

Design Loading : Class B

Load Rating : NA

Super-Structure

Superstructure Type : Cable stayed

Superstructure Material : Masonry

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Asphaltic Plug Joint

Railing/Crash Barrier type : Steel rolled section

Bearing type : Not Provided

Sub-Structure

Founding Strata : Bouldery

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. Suresh Lal

