

ID :3121 Chhhinka suspension bridge _ _ _ _ _
on Chainage 0.350 of Chnika Inter College Bridle road
In District Chamoli Under PD Gopeshwar Division

Bridge Inventory Report

Division: PD Gopeshwar

Data not-yet finalized

General

Name of Division : 8
Revenue Block Name : 8
Chainage (at Mid Point) : 0.350
Road/ Segment Name : 5458
Bridge Type : Pedestrian Bridge
Structure No : 1/1
Feature Intersected : Alaknanda
Name of Bridge : Chhhinka suspension bridge
Nearest Town : Chamoli
Latitude (Northing) : 30.69280200
Longitude (Easting) : 79.61809000
Construction Year : 1966
Inventory Year : 2023

Geometric

Overall length (in meter) : 75.00
Total No of Span : 1
Maximum Span (in meter) : 75.00
Span Arrangement : 1x75
No of Lane : 1.000
Overall Width (m) : 1.830
Carriageway Width (m) : 1.830
RS Footpath Width (m) : 2.000
LS Footpath Width (m) : 2.000
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 : Moderate
Seismic Importance factor : 1.0

Design Loading : Footpath Live Load

Load Rating : NA

Super-Structure

Superstructure Type : Suspension

Superstructure Material : Steel

Wearing Coat Type : Other

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Steel rolled section

Bearing type : Not Provided

Sub-Structure

Founding Strata : Soft clayey

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 : protection work provided

Bank Protection Right Side of Down-stream : 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 :

