

ID :492 Suspension Bridge on Khutani-Chaffi-Padamuri \_\_\_\_\_

on Chainage 36.000 of Bhimtal Padampuri Khutani Saharphatak bridle road

In District Nainital Under TD Bhawali Division

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## Bridge Inventory Report

Division: TD Bhawali

Data not-yet finalized

### General

Name of Division : 12

Revenue Block Name : 77

Chainage (at Mid Point) : 36.000

Road/ Segment Name : 5520

Bridge Type : Foot Over Bridge

Structure No : 1

Feature Intersected : Kalsa River

Name of Bridge : Suspension Bridge on Khutani-Chaffi-Padamuri

Nearest Town : Chaffi

Latitude (Northing) : 29.22376300

Longitude (Easting) : 79.34556100

Construction Year :

Inventory Year : 2021

### Geometric

Overall length (in meter) : 36.00

Total No of Span : 1

Maximum Span (in meter) : 36.00

Span Arrangement : 36

No of Lane : 1.000

Overall Width (m) : 1.800

Carriageway Width (m) : 1.800

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 : Moderate

Seismic Importance factor : 1.0

Design Loading : Class B

Load Rating : Class B

Super-Structure

Superstructure Type : Truss

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : Well

No of Piers : 0

Abutment Type : Stone Masonry

Pier Type : RCC Solid

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

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