

ID :978 75 m Chandrapuri Pedestrian Suspension Bridge \_\_\_\_\_

on Chainage 0.080 of road unknown

In District Rudraprayag Under CD Ukhimath Division

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## Bridge Inventory Report

Division: CD Ukhimath

Data not-yet finalized

### General

Name of Division : 40

Revenue Block Name : 17

Chainage (at Mid Point) : 0.080

Road/ Segment Name :

Bridge Type : Pedestrian Bridge

Structure No : 1

Feature Intersected : Mandakini river

Name of Bridge : 75 m Chandrapuri Pedestrian Suspension Bridge

Nearest Town : Chandrapuri

Latitude (Northing) : 30.43030000

Longitude (Easting) : 79.06890000

Construction Year : 2018

Inventory Year : 2018

### Geometric

Overall length (in meter) : 75.00

Total No of Span : 1

Maximum Span (in meter) : 69.00

Span Arrangement : 1x69

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) : 2.000

Gradient (%age) : 1

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 853.500

OFL Ordinary Flood Level : 850.000

LWL Low Water Level : 848.000

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre : 854.800

Road Level at Centre : 855.000

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 1.5

Design Loading : Footpath Live Load

Load Rating : Footpath Live Load

Super-Structure

Superstructure Type : Suspension

Superstructure Material : Steel

Wearing Coat Type : Not Provided

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : other

Bearing type : Not Provided

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Open

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : RCC Box type

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : Rcc Counterfort protection wall

Bank Protection Right Side of Up-stream : Plum Concrete

Bank Protection Left Side of Down-stream : Plum Concrete

Bank Protection Right Side of Down-stream : Plum Concrete

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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