

ID :83 Suspension bridge near Didsari at Bhagirathi river \_ \_ \_ \_ \_

on Chainage 0.050 of road unknown

In District Uttarkashi Under PD Bhatwari Division

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## Bridge Inventory Report

Division: PD Bhatwari

Data not-yet finalized

### General

Name of Division : 31

Revenue Block Name : 6

Chainage (at Mid Point) : 0.050

Road/ Segment Name :

Bridge Type : Pedestrian Bridge

Structure No : 1/1

Feature Intersected : BHAGIRATHI RIVER

Name of Bridge : Suspension bridge near Didsari at Bhagirathi river

Nearest Town : Didsari

Latitude (Northing) : 30.74200000

Longitude (Easting) : 78.54600000

Construction Year : 2018

Inventory Year : 2020

### Geometric

Overall length (in meter) : 100.00

Total No of Span : 1

Maximum Span (in meter) : 100.00

Span Arrangement : 1x100

No of Lane : 1.000

Overall Width (m) : 2.500

Carriageway Width (m) : 2.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 4.000

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 1285.224

OFL Ordinary Flood Level :

LWL Low Water Level : 1274.224

Design Velocity (m/Sec) : 21.51

Design Discharge (Cumecs) : 4000.00

Soffit Level at Centre :

Road Level at Centre :

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 0.0

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 : other

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Raft

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : other

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : protection work provided

Bank Protection Right Side of Up-stream : 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 :

