

ID :979 90 m Syansugarh Pedestrian Suspension Bridge \_ \_ \_ \_ \_

on Chainage 0.350 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 : 16

Chainage (at Mid Point) : 0.350

Road/ Segment Name :

Bridge Type : Pedestrian Bridge

Structure No : 2

Feature Intersected : Saraswati/Kali River

Name of Bridge : 90 m Syansugarh Pedestrian Suspension Bridge

Nearest Town : Kalimath

Latitude (Northing) : 30.58639000

Longitude (Easting) : 79.07861000

Construction Year : 2018

Inventory Year : 2018

### Geometric

Overall length (in meter) : 90.00

Total No of Span : 1

Maximum Span (in meter) : 88.00

Span Arrangement : 1x88

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) : 3

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 1364.000

OFL Ordinary Flood Level : 1355.000

LWL Low Water Level : 1353.000

Design Velocity (m/Sec) :

Design Discharge (Cumecs) : 1085.00

Soffit Level at Centre : 1374.700

Road Level at Centre : 1375.000

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 : 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 : Plum concrete  
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  
Name of JE/AAE : Er. Saiyad Tauqeer Alam

