

ID :2930 Sangam Bailley Bridge. \_ \_ \_ \_ \_

on Chainage 15.500 of Gaurikund Kedarnath Bridle Road

In District Rudraprayag Under CD Guptkashi Division

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## Bridge Inventory Report

Division: CD Guptkashi

Data not-yet finalized

### General

Name of Division : 127

Revenue Block Name : 16

Chainage (at Mid Point) : 15.500

Road/ Segment Name : 5835

Bridge Type : Pedestrian Bridge

Structure No : 10

Feature Intersected : Saraswati River

Name of Bridge : Sangam Bailley Bridge.

Nearest Town : Kedarnath

Latitude (Northing) : 30.72583330

Longitude (Easting) : 79.06683300

Construction Year :

Inventory Year : 2020

### Geometric

Overall length (in meter) : 24.00

Total No of Span : 1

Maximum Span (in meter) : 24.00

Span Arrangement : 3x8

No of Lane : 1.000

Overall Width (m) : 4.500

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 4.500

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 : 1.2

Design Loading : Footpath Live Load

Load Rating : NA

Super-Structure

Superstructure Type : Bailey

Superstructure Material : Steel

Wearing Coat Type : Not Provided

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Steel rolled section

Bearing type : other

Sub-Structure

Founding Strata : Bouldery

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 : protection work provided

Bank Protection Right Side of Up-stream : 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 : Prasoon Nautiyal

