

ID :1419 Sangud Bridge \_ \_ \_ \_ \_

on Chainage 2.625 of Mandal-Ansuya-Atrimuni Ashram bridle road

In District Chamoli Under PD Gopeshwar Division

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## Bridge Inventory Report

Division: PD Gopeshwar

Data not-yet finalized

### General

Name of Division : 8

Revenue Block Name : 8

Chainage (at Mid Point) : 2.625

Road/ Segment Name : 5471

Bridge Type : Pedestrian Bridge

Structure No : 3/1

Feature Intersected : Amrit Ganga

Name of Bridge : Sangud Bridge

Nearest Town : Mandal

Latitude (Northing) : 30.47414722

Longitude (Easting) : 79.28810278

Construction Year : 1960

Inventory Year : 2021

### Geometric

Overall length (in meter) : 33.00

Total No of Span : 1

Maximum Span (in meter) : 33.00

Span Arrangement : 1x33

No of Lane : 1.000

Overall Width (m) : 2.000

Carriageway Width (m) : 1.830

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 : 0.0

Design Loading : NA

Load Rating : NA

Super-Structure

Superstructure Type : Truss

Superstructure Material : Steel

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Filler

Railing/Crash Barrier type : Steel rolled section

Bearing type : POT PIN

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : other

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : Stone Masonry

Pier Type : other

Protection Work

Bank Protection Left Side of Up-stream : Plum concrete block in 3 layers

Bank Protection Right Side of Up-stream : Plum concrete block in 3 layers

Bank Protection Left Side of Down-stream : Plum concrete block in 3 layers

Bank Protection Right Side of Down-stream : Plum concrete block in 3 layers

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 Laxmi Kandari

