

ID :975 Ram Jhula Pedestrain Bridge \_ \_ \_ \_ \_

on Chainage 0.000 of Narendnagar Muni ki Reti bridle road

In District Tehri Under CD Narendnagar Division

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## Bridge Inventory Report

Division: CD Narendnagar

Data not-yet finalized

### General

Name of Division : 44

Revenue Block Name : 27

Chainage (at Mid Point) : 0.000

Road/ Segment Name : 4256

Bridge Type : Pedestrain Bridge

Structure No : 1/1

Feature Intersected : Ganga River

Name of Bridge : Ram Jhula Pedestrain Bridge

Nearest Town : Swargashram

Latitude (Northing) : 30.12400500

Longitude (Easting) : 78.31403500

Construction Year : 1990

Inventory Year : 2019

### Geometric

Overall length (in meter) : 220.40

Total No of Span : 1

Maximum Span (in meter) : 220.40

Span Arrangement : 1x220.40m

No of Lane : 1.000

Overall Width (m) : 2.200

Carriageway Width (m) : 1.900

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 3.750

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 : 1.0

Design Loading : Footpath Live Load

Load Rating : Footpath Live Load

Super-Structure

Superstructure Type : Suspension

Superstructure Material : Steel

Wearing Coat Type : Mastic asphalt

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : POT PIN

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Open

Pier Foundation Type : Open

No of Piers : 2

Abutment Type : Stone Masonry

Pier Type : Stone Masonry

Protection Work

Bank Protection Left Side of Up-stream : CC Block protection work

Bank Protection Right Side of Up-stream : Temporary Gabions wall protection work.

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 : Er. Ashu Sajwan

