

ID :973 Laxman jhula Pedestrain Bridge _ _ _ _ _

on Chainage 1200.000 of Laxman Jhula approach road

In District Tehri Under CD Narendnagar Division

Bridge Inventory Report

Division: CD Narendnagar

Data not-yet finalized

General

Name of Division : 44

Revenue Block Name : 27

Chainage (at Mid Point) : 1200.000

Road/ Segment Name : 501

Bridge Type : Pedestrain Bridge

Structure No : 2/1

Feature Intersected : Ganga River

Name of Bridge : Laxman jhula Pedestrain Bridge

Nearest Town : Tapovan

Latitude (Northing) : 30.12654600

Longitude (Easting) : 78.32928900

Construction Year : 1929

Inventory Year : 2019

Geometric

Overall length (in meter) : 136.26

Total No of Span : 1

Maximum Span (in meter) : 136.26

Span Arragment : 1x136.26m

No of Lane : 1.000

Overall Width (m) : 2.200

Carriageway Width (m) : 2.200

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approch 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 (Cumeecs) :

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 : Other

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Steel rolled section

Bearing type : Roller & Rocker

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 : no protection work provided

Bank Protection Right Side of Up-stream : no 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. Bridge is closed for traffic and pedestrians. A new Bajrangsetu bridge is being constructed beside this bridge.

final

Name of JE/AAE : Er. Rupesh Bhatt

