

ID :1505 Saryu Bridge \_ \_ \_ \_ \_

on Chainage 131.947 of Gangolihat, Berinag, Chaukori, Kanda, Bagheshwar, Takula and terminating at its junction with new NH No. 109 near Almora national highway

In District Bageshwar Under NH Ranikhet Division

---

## Bridge Inventory Report

Division: NH Ranikhet

Data not-yet finalized

### General

Name of Division : 83

Revenue Block Name : 74

Chainage (at Mid Point) : 131.947

Road/ Segment Name : 17

Bridge Type : Motor Bridge High Level

Structure No : 132/1

Feature Intersected : Saryu river

Name of Bridge : Saryu Bridge

Nearest Town : Bageswar

Latitude (Northing) : 29.83880600

Longitude (Easting) : 79.77325400

Construction Year : 1962

Inventory Year : 2020

### Geometric

Overall length (in meter) : 54.49

Total No of Span : 1

Maximum Span (in meter) : 54.49

Span Arrangement : 1X54.49

No of Lane : 1.000

Overall Width (m) : 4.750

Carriageway Width (m) : 3.850

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 3.900

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 : Class B

Load Rating : Class B

Super-Structure

Superstructure Type : Truss

Superstructure Material : Steel

Wearing Coat Type : Other

Expansion Joint Type : Compression Seal Joint

Railing/Crash Barrier type : Steel rolled section

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Raft

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : Stone Masonry

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : RR Massonery & CC Block

Bank Protection Right Side of Up-stream : RR Massonery & CC Block

Bank Protection Left Side of Down-stream : RR Massonery & CC Block

Bank Protection Right Side of Down-stream : RR Massonery & CC Block

Floor Protection on Up-stream : no protection work provided

Floor Protection on Down-stream : no protection work provided

Tratment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AAE : Er. Gaurav Bhatt (JE)

