

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) : 54.90

Total No of Span : 1

Maximum Span (in meter) : 54.90

Span Arrangement : 1X54.90

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 : POT PIN

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. Prakash Arya

