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 Div Ranikhet Division

Bridge Inventory Report

Division: NH Div 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
Work Code(s) : --
Geometric
Overall length (in meter) : 54.90
Total No of Span : 1
Maximuam Span (in meter) : 54.90
Span Arragment : 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
Approch 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
Expension 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

