

ID :2240 Rana-Kuthar Bridge _ _ _ _ _

on Chainage 1.100 of Rana-Kuthar B/Road

In District Uttarkashi Under CD Badkote Division

Bridge Inventory Report

Division: CD Badkote

Data not-yet finalized

General

Name of Division : 34

Revenue Block Name : 3

Chainage (at Mid Point) : 1.100

Road/ Segment Name : 5615

Bridge Type : Motor Bridge High Level

Structure No : 1/4

Feature Intersected : Yamuna River

Name of Bridge : Rana-Kuthar Bridge

Nearest Town : Ranachatti

Latitude (Northing) : 30.92305560

Longitude (Easting) : 78.37611111

Construction Year : 2000

Inventory Year : 2022

Geometric

Overall length (in meter) : 16.20

Total No of Span : 1

Maximum Span (in meter) : 16.20

Span Arrangement : 16.20

No of Lane : 1.000

Overall Width (m) : 1.680

Carriageway Width (m) : 1.680

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.000

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 : Class B

Load Rating : Class B

Super-Structure

Superstructure Type : Suspension

Superstructure Material : Steel

Wearing Coat Type : Not Provided

Expansion Joint Type : Other

Railing/Crash Barrier type : Not Provided

Bearing type : Not Provided

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : Stone Masonry

Pier Type : NA

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

final

Name of JE/AAE : JE Vikash Chandra

