

ID :90 Kosi Bridge _ _ _ _ _

on Chainage 79.615 of Jyolikot Almora Karanprayag national highway

In District Almora Under NH Ranikhet Division

Bridge Inventory Report

Division: NH Ranikhet

Data not-yet finalized

General

Name of Division : 83

Revenue Block Name : 69

Chainage (at Mid Point) : 79.615

Road/ Segment Name : 12

Bridge Type : Motor Bridge High Level

Structure No : 80/4

Feature Intersected : Kosi River

Name of Bridge : Kosi Bridge

Nearest Town : Hawalbagh Kosi

Latitude (Northing) : 29.63153333

Longitude (Easting) : 79.62561111

Construction Year : 1923

Inventory Year : 2020

Geometric

Overall length (in meter) : 30.80

Total No of Span : 1

Maximum Span (in meter) : 41.10

Span Arrangement : 1X30.80

No of Lane : 1.000

Overall Width (m) : 4.750

Carriageway Width (m) : 4.850

RS Footpath Width (m) : 0.375

LS Footpath Width (m) : 0.375

Approach Width i/c Shoulders (m) : 10.000

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 : Severe

Seismic Importance factor : 0.0

Design Loading : Class B

Load Rating : Class B

Super-Structure

Superstructure Type : Arch

Superstructure Material : Reinforced concrete

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Filler

Railing/Crash Barrier type : Tubular steel

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 : Er. Balam Singh Jani (AAE)

