ID :90 Kosi Bridge __ __ __ __ __

on Chainage 79.615 of Jyolikot Almora Karanprayag national highway

In District Almora Under NH Div Ranikhet Division

Bridge Inventory Report

Division: NH Div 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
Work Code(s) : --
Geometric
Overall length (in meter) : 30.80
Total No of Span : 1
Maximuam Span (in meter) : 41.10
Span Arragment : 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
Approch 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
Expension 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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Er. Balam Singh Jani (AAE)