ID :110 Khairna Bridge __ __ __ __ __

on Chainage 0.038 of Khairna Ranikhet Ramnager state highway

In District Almora Under PD Ranikhet Division

Bridge Inventory Report

Division: PD Ranikhet

Data not-yet finalized

General
Name of Division : 3
Revenue Block Name : 64
Chainage (at Mid Point) : 0.038
Road/ Segment Name : 52
Bridge Type : Motor Bridge High Level
Structure No : 1/1
Feature Intersected : Koshi River
Name of Bridge : Khairna Bridge
Nearest Town : Khairna
Latitude (Northing) : 29.49650600
Longitude (Easting) : 79.48092200
Construction Year : 1887
Inventory Year : 2020
Work Code(s) : --
Geometric
Overall length (in meter) : 64.92
Total No of Span : 1
Maximuam Span (in meter) : 64.92
Span Arragment : 1x64.92
No of Lane : 1.000
Overall Width (m) : 4.750
Carriageway Width (m) : 4.250
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 7.000
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 : Truss
Superstructure Material : Steel
Wearing Coat Type : Other
Expension Joint Type : Other
Railing/Crash Barrier type : Tubular steel
Bearing type : Elastomeric
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 :

