

ID :46 Khairana Bridge \_ \_ \_ \_ \_

on Chainage 64.154 of Garjiya (Ghughutiyadhar) Betalghat Kharana Dhokana Odakhan Pasyapani Bhateliya Mukteshwar state highway

In District Nainital Under CD Nainital Division

---

## Bridge Inventory Report

Division: CD Nainital

Data not-yet finalized

### General

Name of Division : 10

Revenue Block Name : 75

Chainage (at Mid Point) : 64.154

Road/ Segment Name : 42

Bridge Type : Motor Bridge High Level

Structure No : 65/2

Feature Intersected : Shipra

Name of Bridge : Khairana Bridge

Nearest Town : Khairana

Latitude (Northing) : 29.49557800

Longitude (Easting) : 79.47820800

Construction Year : 1988

Inventory Year : 2020

### Geometric

Overall length (in meter) : 64.00

Total No of Span : 1

Maximum Span (in meter) : 64.00

Span Arrangement : 1x64

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

Approach Width i/c Shoulders (m) : 5.950

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 : Box girder

Superstructure Material : Steel

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Steel rolled section

Bearing type : Roller & Rocker

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 : Plumb concrete blocks in 24 m length

Bank Protection Left Side of Down-stream : no protection work provided

Bank Protection Right Side of Down-stream : Plumb concrete blocks in 7.5m length

Floor Protection on Up-stream : Plumb concrete blocks in 4.5 m length

Floor Protection on Down-stream : Plumb concrete blocks in 4 m length

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AAE : VIJAY SINGH BISHT

