

ID :67 Rataura bridge \_ \_ \_ \_ \_

on Chainage 58.135 of Ramnagar Bhandarpani Amgari Bhorakote Aakhudunga Talli Sati Betalghat Ratora  
Visalkote Jaina Richi Billekh state highway

In District Nanital Under CD Nainital Division

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## Bridge Inventory Report

Division: CD Nainital

Data not-yet finalized

### General

Name of Division : 10

Revenue Block Name : 75

Chainage (at Mid Point) : 58.135

Road/ Segment Name : 82

Bridge Type : Motor Bridge High Level

Structure No : 59/2

Feature Intersected : Kosi River

Name of Bridge : Rataura bridge

Nearest Town : Khairana, Betalghat

Latitude (Northing) : 29.54282800

Longitude (Easting) : 79.40551700

Construction Year : 2017

Inventory Year : 2020

### Geometric

Overall length (in meter) : 95.00

Total No of Span : 1

Maximum Span (in meter) : 95.00

Span Arrangement : 1x95

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) : 5.590

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 : Cement Concrete

Expansion Joint Type : Reinforced Elastomeric 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 : RCC counterfort type

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : 1:2:4 concrete block in three row in 45m length

Bank Protection Right Side of Up-stream : no protection work provided

Bank Protection Left Side of Down-stream : 1:2:4 concrete block in three row in 25m length

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 : man mohan singh

