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

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
Work Code(s) : ADB
Geometric
Overall length (in meter) : 95.00
Total No of Span : 1
Maximuam Span (in meter) : 95.00
Span Arragment : 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
Approch 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
Expension 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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : man mohan singh

