ID :46  Khairana Bridge  __ __ __ __ __

on Chainage 64.154 of Garjiya (Ghughutiyadhar) Betalghat Kharana Dhokana Odakhan Pasyapani Bhateliya Mukteshwar 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) : 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
Work Code(s) : ADB
Geometric
Overall length (in meter) : 64.00
Total No of Span : 1
Maximuam Span (in meter) : 64.00
Span Arragment : 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
Approch 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
Expension 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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : VIJAY SINGH BISHT

