

ID :414 Garjiya Kaligad Bridle Suspension \_ \_ \_ \_ \_

on Chainage 0.800 of Garjiya Kaligad bridle Road.

In District Naital Under CD Ramnagar Division

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## Bridge Inventory Report

Division: CD Ramnagar

Data not-yet finalized

### General

Name of Division : 11

Revenue Block Name : 81

Chainage (at Mid Point) : 0.800

Road/ Segment Name : 5495

Bridge Type : Pedestrian Bridge

Structure No : 1/1

Feature Intersected : Kosi River

Name of Bridge : Garjiya Kaligad Bridle Suspension

Nearest Town : Ramnagar

Latitude (Northing) : 29.48690000

Longitude (Easting) : 79.14160000

Construction Year : 1979

Inventory Year : 2021

### Geometric

Overall length (in meter) : 78.60

Total No of Span : 1

Maximum Span (in meter) : 78.60

Span Arrangement : 1x78.60m

No of Lane : 1.000

Overall Width (m) : 2.000

Carriageway Width (m) : 1.700

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 3.750

Gradient (%age) : 6

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 : Footpath Live Load

Load Rating : Footpath Live Load

Super-Structure

Superstructure Type : Suspension

Superstructure Material : Steel

Wearing Coat Type : Other

Expansion Joint Type : Other

Railing/Crash Barrier type : other

Bearing type : other

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

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

final

Name of JE/AAE : S.P. Dhasmana

