

ID :507 Suspension Bridge on Kosi River Near Kunkhet _ _ _ _ _

on Chainage 0.380 of Okhaldhunga Kunkhet road

In District Naital Under CD Ramnagar Division

Bridge Inventory Report

Division: CD Ramnagar

Data not-yet finalized

General

Name of Division : 11

Revenue Block Name : 77

Chainage (at Mid Point) : 0.380

Road/ Segment Name : 2988

Bridge Type : Pedestrian Bridge

Structure No : 1/1

Feature Intersected : Koshi River

Name of Bridge : Suspension Bridge on Kosi River Near Kunkhet

Nearest Town : Ramnagar

Latitude (Northing) : 29.53830000

Longitude (Easting) : 79.15610000

Construction Year : 2000

Inventory Year : 2021

Geometric

Overall length (in meter) : 100.00

Total No of Span : 1

Maximum Span (in meter) : 100.00

Span Arrangement : 1x100m

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) : 2.000

Gradient (%age) : 4

Skew Angle (degree) : 3.00

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

