

ID :3103 AMEL/ KHAIRALI BRIDLE BRIDGE _ _ _ _ _

on Chainage 30.000 of Garjiya (Ghughutiyaadhar) Betalghat Kharana Dhokana Odakhan Pasyapani Bhateliya Mukteshwar state highway

In District Nainital 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) : 30.000

Road/ Segment Name : 42

Bridge Type : Pedestrian Bridge

Structure No : 30/1

Feature Intersected : KOSI REVER

Name of Bridge : AMEL/ KHAIRALI BRIDLE BRIDGE

Nearest Town : Betalghat

Latitude (Northing) : 29.55000000

Longitude (Easting) : 79.32340000

Construction Year : 2023

Inventory Year : 2023

Geometric

Overall length (in meter) : 210.00

Total No of Span : 5

Maximum Span (in meter) : 42.00

Span Arrangement : 5*42

No of Lane : 1.000

Overall Width (m) : 2.100

Carriageway Width (m) : 1.800

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 2.100

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 : Footpath Live Load

Load Rating : NA

Super-Structure

Superstructure Type : Box girder

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : Well

No of Piers : 4

Abutment Type : RCC Box type

Pier Type : RCC Solid

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/AEE : MANMOHAN SINGH

