

ID :3349 Lainigad bridle bridge _ _ _ _ _

on Chainage 8.025 of Kankhaliya Triyuginarayan Bridle Road

In District Rudraprayag Under CD Ukhimath Division

Bridge Inventory Report

Division: CD Ukhimath

Data not-yet finalized

General

Name of Division : 40

Revenue Block Name : 16

Chainage (at Mid Point) : 8.025

Road/ Segment Name : 5440

Bridge Type : Pedestrian Bridge

Structure No : 9/1

Feature Intersected : Lainigad Ghedhera

Name of Bridge : Lainigad bridle bridge

Nearest Town : Triyuginarayan

Latitude (Northing) : 30.30256300

Longitude (Easting) : 79.33898000

Construction Year : 2015

Inventory Year : 2023

Geometric

Overall length (in meter) : 10.00

Total No of Span : 1

Maximum Span (in meter) : 10.00

Span Arrangement : 1x10.0

No of Lane : 1.000

Overall Width (m) : 1.800

Carriageway Width (m) : 1.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 1.500

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 3078.000

OFL Ordinary Flood Level : 3076.000

LWL Low Water Level : 3075.500

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre : 3081.000

Road Level at Centre : 3081.000

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 : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Cast-in-situ concrete

Bearing type : Not Provided

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 : 6.0m CC Block 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 :

