

ID :1290 48 m Rinkot Bridge \_ \_ \_ \_ \_

on Chainage 2.300 of Masta madmaheshwar Bridle Road

In District Rudraprayag Under CD Ukhimath Division

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## Bridge Inventory Report

Division: CD Ukhimath

Data not-yet finalized

### General

Name of Division : 40

Revenue Block Name : 16

Chainage (at Mid Point) : 2.300

Road/ Segment Name : 5436

Bridge Type : Pedestrian Bridge

Structure No : MM/2

Feature Intersected : Mandakini River

Name of Bridge : 48 m Rinkot Bridge

Nearest Town : Kalimath, Narayankoti

Latitude (Northing) : 30.55444000

Longitude (Easting) : 79.07944400

Construction Year : 2018

Inventory Year : 2020

### Geometric

Overall length (in meter) : 48.00

Total No of Span : 1

Maximum Span (in meter) : 48.00

Span Arrangement : 1x48

No of Lane : 1.000

Overall Width (m) : 2.250

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) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 1175.000

OFL Ordinary Flood Level : 1164.000

LWL Low Water Level : 1161.000

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre : 1183.000

Road Level at Centre :

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 1.5

Design Loading : Footpath Live Load

Load Rating : Footpath Live Load

Super-Structure

Superstructure Type : Truss

Superstructure Material : Steel

Wearing Coat Type : Mastic asphalt

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Steel rolled section

Bearing type : POT PIN

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : RCC counterfort type

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 : Syed Tauqeer Alam

