

ID :3753 Rambada Bailey Bridge _ _ _ _ _

on Chainage 6.925 of Gaurikund Kedarnath Bridle Road

In District Rudraprayag Under CD Guptkashi Division

Bridge Inventory Report

Division: CD Guptkashi

Data not-yet finalized

General

Name of Division : 127

Revenue Block Name : 16

Chainage (at Mid Point) : 6.925

Road/ Segment Name : 5835

Bridge Type : Pedestrian Bridge

Structure No : 6/3

Feature Intersected : Mandakini

Name of Bridge : Rambada Bailey Bridge

Nearest Town : Rambada

Latitude (Northing) : 30.69427800

Longitude (Easting) : 79.05427900

Construction Year : 2025

Inventory Year : 2025

Geometric

Overall length (in meter) : 6.00

Total No of Span : 1

Maximum Span (in meter) : 6.00

Span Arrangement : 1x48.77

No of Lane : 1.000

Overall Width (m) : 5.500

Carriageway Width (m) : 3.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.800

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 : Class B

Super-Structure

Superstructure Type : Bailey

Superstructure Material : Steel

Wearing Coat Type : Not Provided

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Steel rolled section

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : Open

No of Piers : 2

Abutment Type : other

Pier Type : other

Protection Work

Bank Protection Left Side of Up-stream : plum jacketing

Bank Protection Right Side of Up-stream : plum jacketing

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 :

