

ID :3761 Mandakini \_ \_ \_ \_ \_

on Chainage 3.900 of Gaurikund Kedarnath Bridle Road

In District Rudraprayag Under CD Guptkashi Division

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## Bridge Inventory Report

Division: CD Guptkashi

Data not-yet finalized

### General

Name of Division : 127

Revenue Block Name : 16

Chainage (at Mid Point) : 3.900

Road/ Segment Name : 5835

Bridge Type : Pedestrian Bridge

Structure No : 3/1

Feature Intersected : janglechatti gadera

Name of Bridge : Mandakini

Nearest Town : janglechatti

Latitude (Northing) : 30.68555560

Longitude (Easting) : 79.04694444

Construction Year : 2025

Inventory Year : 2025

### Geometric

Overall length (in meter) : 9.00

Total No of Span : 1

Maximum Span (in meter) : 9.00

Span Arrangement : 1x9

No of Lane : 1.000

Overall Width (m) : 3.600

Carriageway Width (m) : 3.300

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 4.500

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 : Plate Girder

Superstructure Material : Steel

Wearing Coat Type : Not Provided

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Steel rolled section

Bearing type : Not Provided

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Open

Pier Foundation Type : Open

No of Piers : 2

Abutment Type : Stone Masonry

Pier Type : Stone Masonry

Protection Work

Bank Protection Left Side of Up-stream : Gabion work

Bank Protection Right Side of Up-stream : gabion work

Bank Protection Left Side of Down-stream : plum work

Bank Protection Right Side of Down-stream : plum work

Floor Protection on Up-stream : no protection work provided

Floor Protection on Down-stream : Plum work

Treatment for Corrosion Protection (if any) : no special treatment provided  
final

Name of JE/AAE : Umesh Kumar

