

ID :161 Kund bridge \_ \_ \_ \_ \_

on Chainage 34.600 of Rudraprayag Gorikund National Highway

In District Rudraprayag Under NH Rudraprayag Division

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## Bridge Inventory Report

Division: NH Rudraprayag

Data not-yet finalized

### General

Name of Division : 131

Revenue Block Name : 16

Chainage (at Mid Point) : 34.600

Road/ Segment Name : 8

Bridge Type : Motor Bridge High Level

Structure No : 9

Feature Intersected : Mandakini

Name of Bridge : Kund bridge

Nearest Town : Kund

Latitude (Northing) : 30.50378900

Longitude (Easting) : 79.08743528

Construction Year : 1965

Inventory Year : 2024

### Geometric

Overall length (in meter) : 49.80

Total No of Span : 1

Maximum Span (in meter) : 49.80

Span Arrangement : 1\*49.80

No of Lane : 1.000

Overall Width (m) : 5.150

Carriageway Width (m) : 4.400

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 4.400

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 : Very Severe

Seismic Importance factor : 0.0

Design Loading : Class A

Load Rating : Class B

Super-Structure

Superstructure Type : Truss

Superstructure Material : Steel

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Sandy

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 : 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 protection work provided

final

Name of JE/AAE : Er. Pushkar Pal Singh Bisht

