

ID :161 Kund bridge _ _ _ _ _

on Chainage 34.600 of Rudarprayag Gorikund National Highway

In District Rudraprayag Under NH Rudraprayag Division

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

