

ID :151 BELNI BRIDGE _ _ _ _ _

on Chainage 0.130 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 : 17

Chainage (at Mid Point) : 0.130

Road/ Segment Name : 8

Bridge Type : Motor Bridge High Level

Structure No : 3

Feature Intersected : Alaknanda River

Name of Bridge : BELNI BRIDGE

Nearest Town : RUDRAPRAYAG

Latitude (Northing) : 30.28696200

Longitude (Easting) : 78.98397400

Construction Year : 1960

Inventory Year : 2024

Geometric

Overall length (in meter) : 63.00

Total No of Span : 1

Maximum Span (in meter) : 63.00

Span Arrangement : 1*63

No of Lane : 1.000

Overall Width (m) : 7.000

Carriageway Width (m) : 4.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 7.500

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 : Severe

Seismic Importance factor : 1.0

Design Loading : Class B

Load Rating : Class B

Super-Structure

Superstructure Type : Truss

Superstructure Material : Reinforced concrete

Wearing Coat Type : Mastic asphalt

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Tubular steel

Bearing type : POT PIN

Sub-Structure

Founding Strata : Rocky

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 special treatment provided

final

Name of JE/AAE : Er Anurag Dev

