

ID :150 MANDAKINI RIVER BRIDGE _ _ _ _ _

on Chainage 3.682 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) : 3.682

Road/ Segment Name : 8

Bridge Type : Motor Bridge High Level

Structure No : 2

Feature Intersected : MANDAKINI

Name of Bridge : MANDAKINI RIVER BRIDGE

Nearest Town : RUDRAPRAYAG

Latitude (Northing) : 30.29589000

Longitude (Easting) : 78.97720200

Construction Year : 2012

Inventory Year : 2024

Geometric

Overall length (in meter) : 95.00

Total No of Span : 3

Maximum Span (in meter) : 65.00

Span Arrangement : 1*15+1*65+1*15

No of Lane : 2.000

Overall Width (m) : 12.000

Carriageway Width (m) : 7.800

RS Footpath Width (m) : 1.500

LS Footpath Width (m) : 1.500

Approach Width i/c Shoulders (m) : 12.000

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 : 0.0

Design Loading : Class A
Load Rating : Class A
Super-Structure
Superstructure Type : Box girder
Superstructure Material : Composite
Wearing Coat Type : Cement Concrete
Expansion Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Tubular steel
Bearing type : POT PIN
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Raft
Pier Foundation Type : Raft
No of Piers : 2
Abutment Type : RCC Box type
Pier Type : RCC Solid
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. Vishwas saini

