ID :150 MANDAKINI RIVER BRIDGE __ __ __ __ __

on Chainage 3.682 of Rudarprayag Gorikund National Highway

In District Rudraprayag Under NH Div Rudraprayag Division

Bridge Inventory Report

Division: NH Div 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
Work Code(s) : --
Geometric
Overall length (in meter) : 95.00
Total No of Span : 3
Maximuam Span (in meter) : 65.00
Span Arragment : 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
Approch 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
Expension 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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Er. Vishwas saini