ID :220 ALAKNANDA BRIDGE __ __ __ __ __

on Chainage 0.715 of Gopeshwar Ukhimath Baramwari national highway

In District Chamoli Under NH Div Rudraprayag Division

Bridge Inventory Report

Division: NH Div Rudraprayag

Data not-yet finalized

General
Name of Division : 131
Revenue Block Name : 7
Chainage (at Mid Point) : 0.715
Road/ Segment Name : 16
Bridge Type : Motor Bridge High Level
Structure No : 15
Feature Intersected : Alaknanda River
Name of Bridge : ALAKNANDA BRIDGE
Nearest Town : Chamoli
Latitude (Northing) : 30.40363333
Longitude (Easting) : 79.32913056
Construction Year : 2011
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 69.30
Total No of Span : 1
Maximuam Span (in meter) : 69.30
Span Arragment : 1*68.8
No of Lane : 1.000
Overall Width (m) : 4.500
Carriageway Width (m) : 4.500
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 4.500
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 : Moderate

Seismic Importance factor : 1.0
Design Loading : Class A
Load Rating : Class A
Super-Structure
Superstructure Type : Box girder
Superstructure Material : Steel
Wearing Coat Type : Bituminous 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 : Open
Pier Foundation Type : Well
No of Piers : 0
Abutment Type : Stone Masonry
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 :

