ID :609 Stone Arch Khutani Bridge __ __ __ __ __

on Chainage 0.050 of Khutani Bhawali Dhanachuli Patlot Meenar Reethasahib Dhunaghat Champawat Manch Tamli state highway

In District Nanital Under TD Bhawali Division

Bridge Inventory Report

Division: TD Bhawali

Data not-yet finalized

General
Name of Division : 12
Revenue Block Name : 78
Chainage (at Mid Point) : 0.050
Road/ Segment Name : 59
Bridge Type : Motor Bridge High Level
Structure No : 1
Feature Intersected : Khutani Gadhera
Name of Bridge : Stone Arch Khutani Bridge
Nearest Town : Bhimtal
Latitude (Northing) : 29.36700000
Longitude (Easting) : 79.53400000
Construction Year : 1958
Inventory Year : 2021
Work Code(s) : ADB
Geometric
Overall length (in meter) : 8.70
Total No of Span : 1
Maximuam Span (in meter) : 8.70
Span Arragment : 1*8.70
No of Lane : 1.500
Overall Width (m) : 7.600
Carriageway Width (m) : 6.900
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 7.600
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 B
Load Rating : Class B
Super-Structure
Superstructure Type : Arch
Superstructure Material : Reinforced concrete
Wearing Coat Type : Cement Concrete
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : other
Bearing type : Not Provided
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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : K.K. Pathak