

ID :609 Stone Arch Khutani Bridge _ _ _ _ _

on Chainage 0.050 of GIC Sukauli to Chamali motor road

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 : 149

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

Geometric

Overall length (in meter) : 8.70

Total No of Span : 1

Maximum Span (in meter) : 9.30

Span Arrangement : 1

No of Lane : 1.000

Overall Width (m) : 7.600

Carriageway Width (m) : 6.900

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach 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
Expansion Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Tubular steel
Bearing type : Elastomeric
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
Treatment for Corrosion Protection (if any) : no special treatment provided
final

Name of JE/AAE : Er. Kamal Kishor Pathak

