

ID :612 RCC Bridge Bhowali _ _ _ _ _

on Chainage 5.900 of GIC Sukauli to Chamali motor road

In District Nainital Under TD Bhowali Division

Bridge Inventory Report

Division: TD Bhowali

Data not-yet finalized

General

Name of Division : 12

Revenue Block Name : 78

Chainage (at Mid Point) : 5.900

Road/ Segment Name : 149

Bridge Type : Motor Bridge High Level

Structure No : 1

Feature Intersected : Sipra River

Name of Bridge : RCC Bridge Bhowali

Nearest Town : Bhowali

Latitude (Northing) : 29.38300000

Longitude (Easting) : 79.51600000

Construction Year : 1957

Inventory Year : 2021

Geometric

Overall length (in meter) : 7.00

Total No of Span : 1

Maximum Span (in meter) : 7.00

Span Arrangement : 1

No of Lane : 1.000

Overall Width (m) : 6.900

Carriageway Width (m) : 6.000

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 7.000

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 : 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

