

ID :961 Arc bridge _ _ _ _ _

on Chainage 89.400 of Bikhysain Deghat Bungidhar Mehalchori Bachuwaban Chokhutiya state highway

In District Chamoli Under CD Gairsain Division

Bridge Inventory Report

Division: CD Gairsain

Data not-yet finalized

General

Name of Division : 126

Revenue Block Name : 15

Chainage (at Mid Point) : 89.400

Road/ Segment Name : 28

Bridge Type : Motor Bridge High Level

Structure No : 90/2

Feature Intersected : Natural chamfer (Dharapani Ghadeyra)

Name of Bridge : Arc bridge

Nearest Town : Dharapani Hargad

Latitude (Northing) : 29.97750800

Longitude (Easting) : 79.28941900

Construction Year : 1987

Inventory Year : 2021

Geometric

Overall length (in meter) : 12.50

Total No of Span : 1

Maximum Span (in meter) : 12.50

Span Arragment : 1x12.50

No of Lane : 1.000

Overall Width (m) : 5.950

Carriageway Width (m) : 4.200

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approch Width i/c Shoulders (m) : 6.000

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 (Cumeecs) :

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 B

Load Rating : Class B

Super-Structure

Superstructure Type : Arch

Superstructure Material : Masonry

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Not Provided

Bearing type : Not Provided

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Raft

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

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AAE : Er. Paras Singh

