ID :961 Arc bridge __ __ __ __ __

on Chainage 89.400 of Bikhyasain 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
Work Code(s) : --
Geometric
Overall length (in meter) : 12.50
Total No of Span : 1
Maximuam 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 (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 : 0.0
Design Loading : Class B
Load Rating : Class B
Super-Structure
Superstructure Type : Arch
Superstructure Material : Masonry
Wearing Coat Type : Bituminous Concrete
Expension 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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Er. Paras Singh