ID :1436 Arudi -Patudi Suspension Bridge __ __ __ __ __

on Chainage 0.225 of road unknown

In District Chamoli Under PD Gopeshwar Division

Bridge Inventory Report

Division: PD Gopeshwar

Data not-yet finalized

General
Name of Division : 8
Revenue Block Name : 7
Chainage (at Mid Point) : 0.225
Road/ Segment Name :
Bridge Type : Pedestrain Bridge
Structure No : 1/1
Feature Intersected : Alaknanda River
Name of Bridge : Arudi -Patudi Suspension Bridge
Nearest Town : Arudi - Patudi Village
Latitude (Northing) : 30.64463600
Longitude (Easting) : 79.53196000
Construction Year : 2019
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 140.00
Total No of Span : 1
Maximuam Span (in meter) : 140.00
Span Arragment : 1x140
No of Lane : 1.000
Overall Width (m) : 2.500
Carriageway Width (m) : 2.500
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 2.600
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 : 1.2
Design Loading : Footpath Live Load
Load Rating : NA
Super-Structure
Superstructure Type : Suspension
Superstructure Material : Steel
Wearing Coat Type : Other
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Tubular steel
Bearing type : Not Provided
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Open
Pier Foundation Type : NA
No of Piers : 0
Abutment Type : RCC spill through type
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 :