

ID :1436 Arudi -Patudi Suspension Bridge \_ \_ \_ \_ \_

on Chainage 0.225 of road unknown

In District Chamoli Under PD Gopeshwar Division

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## 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 : Pedestrian 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

### Geometric

Overall length (in meter) : 150.00

Total No of Span : 1

Maximum Span (in meter) : 140.00

Span Arrangement : 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

Approach 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 : NA

Load Rating : NA

Super-Structure

Superstructure Type : Suspension

Superstructure Material : Steel

Wearing Coat Type : Other

Expansion 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

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

final

Name of JE/AAE : Er Chandi Parsad Bhutt (JE), Er Umesh Dharia (AE)

