

ID :1537 Arakot chinva balcha km11 Valley bridge \_ \_ \_ \_ \_

on Chainage 11.000 of Mori Arakot Chiwa Balcha motor road

In District Uttarkashi Under CD Purola Division

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## Bridge Inventory Report

Division: CD Purola

Data not-yet finalized

### General

Name of Division : 33

Revenue Block Name : 1

Chainage (at Mid Point) : 11.000

Road/ Segment Name : 163

Bridge Type : Motor Bridge High Level

Structure No : 11/3

Feature Intersected : local khad

Name of Bridge : Arakot chinva balcha km11 Valley bridge

Nearest Town : ARAKOT

Latitude (Northing) : 31.07131700

Longitude (Easting) : 77.89250900

Construction Year : 2012

Inventory Year : 2021

### Geometric

Overall length (in meter) : 27.00

Total No of Span : 1

Maximum Span (in meter) : 27.00

Span Arrangement : 1X27

No of Lane : 1.000

Overall Width (m) : 4.900

Carriageway Width (m) : 4.300

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 15.000

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 : Truss  
Superstructure Material : Steel  
Wearing Coat Type : Other  
Expansion Joint Type : Single Strip/Box Seal Joint  
Railing/Crash Barrier type : Tubular steel  
Bearing type : other  
Sub-Structure  
Founding Strata : Rocky  
Abutment Foundation Type : Open  
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 :

