

ID :1324 Arakot Chinva Balcha 45m Span STEEL GIRDER in Km 1 _ _ _ _ _

on Chainage 1.000 of Mori Arakot Chiwa Balcha motor road

In District Uttarkashi Under CD Purola Division

Bridge Inventory Report

Division: CD Purola

Data not-yet finalized

General

Name of Division : 33

Revenue Block Name : 1

Chainage (at Mid Point) : 1.000

Road/ Segment Name : 163

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : POWER RIVER

Name of Bridge : Arakot Chinva Balcha 45m Span STEEL GIRDER in Km 1

Nearest Town : ARAKOT

Latitude (Northing) : 31.04509700

Longitude (Easting) : 77.82803300

Construction Year : 1976

Inventory Year : 2021

Geometric

Overall length (in meter) : 45.00

Total No of Span : 1

Maximum Span (in meter) : 45.00

Span Arrangement : 1X45

No of Lane : 1.000

Overall Width (m) : 4.600

Carriageway Width (m) : 4.300

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach 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 : 1.0

Design Loading : Class B
Load Rating : Class B
Super-Structure
Superstructure Type : Truss
Superstructure Material : Steel
Wearing Coat Type : Cement Concrete
Expansion Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Tubular steel
Bearing type : POT PIN
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 :

