

ID :60 Steel Girder Bridge over Alaknanda River km 01 \_\_\_\_\_

on Chainage 0.450 of Jilasu Aali motor road

In District Chamoli Under CD Pokhari Division

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## Bridge Inventory Report

Division: CD Pokhari

Data not-yet finalized

### General

Name of Division : 128

Revenue Block Name : 10

Chainage (at Mid Point) : 0.450

Road/ Segment Name : 1790

Bridge Type : Motor Bridge High Level

Structure No : 1/2

Feature Intersected : Alaknanda River

Name of Bridge : Steel Girder Bridge over Alaknanda River km 01

Nearest Town : Karanprayag

Latitude (Northing) : 30.28881700

Longitude (Easting) : 79.17073200

Construction Year : 2015

Inventory Year : 2020

### Geometric

Overall length (in meter) : 120.00

Total No of Span : 1

Maximum Span (in meter) : 120.00

Span Arrangement : 1x120

No of Lane : 1.000

Overall Width (m) : 5.000

Carriageway Width (m) : 4.250

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 : 0.0

Design Loading : Class B

Load Rating : Class B

Super-Structure

Superstructure Type : Solid slab

Superstructure Material : Steel

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Steel rolled section

Bearing type : Elastomeric

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

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

final

Name of JE/AAE : Er. Kuldeep Rawat

