

ID :3386 Chandrabhaga river \_ \_ \_ \_ \_

on Chainage 0.150 of Muni ki Reti bypass (Natraj Bhadrakali road)

In District Tehri Under CD Narendnagar Division

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## Bridge Inventory Report

Division: CD Narendnagar

Data not-yet finalized

### General

Name of Division : 44

Revenue Block Name : 27

Chainage (at Mid Point) : 0.150

Road/ Segment Name : 500

Bridge Type : Motor Bridge High Level

Structure No : 1/2

Feature Intersected : Chandrabhaga river

Name of Bridge : Chandrabhaga river

Nearest Town : Natraj chauk Rishikesh

Latitude (Northing) : 30.11797100

Longitude (Easting) : 78.28714600

Construction Year : 2003

Inventory Year : 2024

### Geometric

Overall length (in meter) : 40.00

Total No of Span : 12

Maximum Span (in meter) : 40.00

Span Arrangement : 1x40

No of Lane : 2.000

Overall Width (m) : 7.500

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 1.500

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 7.500

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 : NA

Load Rating : NA

Super-Structure

Superstructure Type : Single/Multi-cell Box

Superstructure Material : Reinforced concrete

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Steel rolled section

Bearing type : Not Provided

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : other

Pier Foundation Type : other

No of Piers : 13

Abutment Type : RCC Box type

Pier Type : RCC Solid

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 :

