

ID :3237 Steel girder bridge in Dhunarghat Shivalaya over Ramganaga River \_ \_ \_ \_ \_

on Chainage 184.600 of road unknown

In District Chamoli Under CD Gairsain Division

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## Bridge Inventory Report

Division: CD Gairsain

Data not-yet finalized

### General

Name of Division : 126

Revenue Block Name : 15

Chainage (at Mid Point) : 184.600

Road/ Segment Name :

Bridge Type : Pedestrian Bridge

Structure No : 184

Feature Intersected : Ramganga river

Name of Bridge : Steel girder bridge in Dhunarghat Shivalaya over Ramganaga River

Nearest Town : Shivalaya Mandir

Latitude (Northing) : 30.03722200

Longitude (Easting) : 79.28222200

Construction Year : 1999

Inventory Year : 2023

### Geometric

Overall length (in meter) : 60.00

Total No of Span : 1

Maximum Span (in meter) : 60.00

Span Arrangement : 1X60

No of Lane : 1.000

Overall Width (m) : 2.400

Carriageway Width (m) : 1.800

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 1.800

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 : Footpath Live Load

Load Rating : Footpath Live Load

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Tubular steel

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Bouldery

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 : Praveen bhandari

