

ID :3502 Henwal river \_ \_ \_ \_ \_

on Chainage 11.210 of Chaupdiyalgaon to Saud Motor Road.

In District Tehri Under CD Chamba Division

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## Bridge Inventory Report

Division: CD Chamba

Data not-yet finalized

### General

Name of Division : 46

Revenue Block Name : 26

Chainage (at Mid Point) : 11.210

Road/ Segment Name : 4025

Bridge Type : Motor Bridge High Level

Structure No : 11/1

Feature Intersected : Henwal river

Name of Bridge : Henwal river

Nearest Town : Saur

Latitude (Northing) : 30.40061667

Longitude (Easting) : 78.33637222

Construction Year : 2009

Inventory Year : 2022

### Geometric

Overall length (in meter) : 16.00

Total No of Span : 1

Maximum Span (in meter) : 16.00

Span Arrangement : 1x16

No of Lane : 1.000

Overall Width (m) : 5.400

Carriageway Width (m) : 5.400

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.550

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 120.000

OFL Ordinary Flood Level : 110.000

LWL Low Water Level : 100.000

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 A

Load Rating : Class A

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : Well

No of Piers : 0

Abutment Type : Stone Masonry

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 : Gopal Saini

