

ID :367 Baldi Bridge \_ \_ \_ \_ \_

on Chainage 4.200 of Dehradun Sahastradhara Road (Kirsali Chowk to Sahastradhara)

In District Dehradun Under PD Dehradun Division

---

## Bridge Inventory Report

Division: PD Dehradun

Data not-yet finalized

### General

Name of Division : 51

Revenue Block Name : 32

Chainage (at Mid Point) : 4.200

Road/ Segment Name : 346

Bridge Type : Motor Bridge High Level

Structure No : 12/3

Feature Intersected : Baldi River

Name of Bridge : Baldi Bridge

Nearest Town : Sahastradhara

Latitude (Northing) : 30.38504160

Longitude (Easting) : 78.12778550

Construction Year : 1980

Inventory Year : 2021

### Geometric

Overall length (in meter) : 24.40

Total No of Span : 1

Maximum Span (in meter) : 24.40

Span Arrangement : 1x24.40=24.40

No of Lane : 1.500

Overall Width (m) : 7.900

Carriageway Width (m) : 6.600

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 7.600

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 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 : POT PIN

Sub-Structure

Founding Strata : Bouldery

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 : plum concrete in 10.00meter length

Bank Protection Right Side of Up-stream : plum concrete in 10.00meter length

Bank Protection Left Side of Down-stream : plum concrete and RR Stone masonry in 15.00meter length

Bank Protection Right Side of Down-stream : plum concrete in 10.00meter length

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 : SUDARSHAN SINGH

