

ID :379 Bharatwala 1 \_ \_ \_ \_ \_

on Chainage 0.000 of LKD road to Bharatwala road

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) : 0.000

Road/ Segment Name : 1264

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : local river

Name of Bridge : Bharatwala 1

Nearest Town : dehradun

Latitude (Northing) : 30.41160000

Longitude (Easting) : 78.04360000

Construction Year : 2003

Inventory Year : 2021

### Geometric

Overall length (in meter) : 10.00

Total No of Span : 1

Maximum Span (in meter) : 10.00

Span Arrangement : 1x10.00m

No of Lane : 1.500

Overall Width (m) : 6.300

Carriageway Width (m) : 5.500

RS Footpath Width (m) : 0.000

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 : Class B

Load Rating : Class B

Super-Structure

Superstructure Type : Box girder

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 : Elastomeric

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : other

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : RCC Box type

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 : AMAR SINGH

