

ID :1233 Bullawala Bridge \_ \_ \_ \_ \_

on Chainage 3.150 of Doiwala-Bullawala Road (ganna mil Kshetra)

In District Dehradun Under TD Rishikesh Division

---

## Bridge Inventory Report

Division: TD Rishikesh

Data not-yet finalized

### General

Name of Division : 53

Revenue Block Name : 33

Chainage (at Mid Point) : 3.150

Road/ Segment Name : 1392

Bridge Type : Motor Bridge High Level

Structure No : 4/1

Feature Intersected : Suswa River

Name of Bridge : Bullawala Bridge

Nearest Town : Bullawala

Latitude (Northing) : 30.15977100

Longitude (Easting) : 78.09574500

Construction Year : 2004

Inventory Year : 2021

### Geometric

Overall length (in meter) : 100.00

Total No of Span : 30

Maximum Span (in meter) : 6.00

Span Arrangement : 1x30

No of Lane : 2.000

Overall Width (m) : 8.500

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 8.000

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 : Solid 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 : Elastomeric

Sub-Structure

Founding Strata : Sandy

Abutment Foundation Type : Raft

Pier Foundation Type : other

No of Piers : 29

Abutment Type : RCC Box type

Pier Type : RCC Solid

Protection Work

Bank Protection Left Side of Up-stream : protection work provided

Bank Protection Right Side of Up-stream : protection work provided

Bank Protection Left Side of Down-stream : protection work provided

Bank Protection Right Side of Down-stream : protection work provided

Floor Protection on Up-stream : no protection work provided

Floor Protection on Down-stream : protection work provided

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AAE :

