

ID :2657 Bhuttowala Bridge _ _ _ _ _

on Chainage 1.005 of Gumaniwala wala Road stage 1 & 2

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) : 1.005

Road/ Segment Name : 1399

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Bangala Nala

Name of Bridge : Bhuttowala Bridge

Nearest Town : Bhuttowala

Latitude (Northing) : 30.07173000

Longitude (Easting) : 78.23605800

Construction Year : 2003

Inventory Year : 2022

Geometric

Overall length (in meter) : 24.00

Total No of Span : 1

Maximum Span (in meter) : 24.00

Span Arrangement : 1x24

No of Lane : 1.000

Overall Width (m) : 4.720

Carriageway Width (m) : 4.260

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.000

Gradient (%age) : 6

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 331.000

OFL Ordinary Flood Level : 329.000

LWL Low Water Level : 327.500

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre :

Road Level at Centre : 334.000

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 0.0

Design Loading : Class B
Load Rating : Class B
Super-Structure
Superstructure Type : Truss
Superstructure Material : Reinforced concrete
Wearing Coat Type : Cement Concrete
Expansion Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Steel rolled section
Bearing type : Roller & Rocker
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 : R.R. Stone Masonry
Bank Protection Right Side of Up-stream : R.R. Stone Masonry
Bank Protection Left Side of Down-stream : R.R. Stone Masonry
Bank Protection Right Side of Down-stream : R.R. Stone Masonry
Floor Protection on Up-stream : no protection work provided
Floor Protection on Down-stream : Plum Concrete
Treatment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE :

